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TOOLS & EQUIPMENT
CATALOG

FIBER CABLE INSTALLATION

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The Biggest Range of Wire Pulling Accessories and Drilling Fluid Additives

Are you planning a building project and looking for the most amazing prices on tools and accessories? Build It Right, Inc. is your one stop shop that provides the biggest range of products for drilling, cabling, and wire pulling in the U.S. Offering the highest quality products backed by our years of knowledge and expertise in the industry, you can easily build with confidence and convenience with everything you need at your fingertips.

Offering the Right Accessories at the Right Price for Any Building Project

Build It Right, Inc. was founded on the needs of our customers to find the most useful and appropriate building products and accessories at the most amazing prices. Our focus is on the customer experience, which is why we deliver exceptional customer service through the most knowledgeable advice and high quality products. Whether you need wire pulling tools, Cetco drilling fluids, drilling polymer products and more, our team is here to help you find exactly what you need at the lowest price.

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Rather than blowing your building project budget, shop for the most affordable high quality products and accessories with Build It Right, Inc. Offering nationwide shipping and the most competitive prices in the industry, our goal is to ensure that your project is a success. The right products. The right service. Shop Online today or call our team at 1-888-206-3044 to find out more.

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TORNADO CABLE BLOWING MACHINE

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TOOLS BUILT TO GO THE DISTANCE

Designed to safe, fast and effective, the Tornado Cable Blowing Machine installs fiber optic cable into pre-installed innerduct or direct buried innerduct. A conversion kit allows the Tornado to place either 12.7, 12/10 mm or 10/8 mm micro ducts into innerduct as well.

Comprised of an aluminum air box and cable pusher, the Tornado uses compressed air to install the cables with or without a missile. In operation, the hydraulically powered, belt drive system controls the fiber optic cable as it is propelled by compressed air through the innerduct. An electronic monitoring system provides readouts of speed and distance, helps protect cable against damage, and includes an emergency stop button.

The air box and cable pusher are mounted on a lightweight, tubular-steel frame that can be tilted at a 30 degree angle to the manhole, which significantly minimizes any bending of the innerduct and cable. The frame has retractable handles to permit ease of maneuverability, and adjustable rear legs that provide added stability on uneven terrain. This unit comes complete with a gasoline engine powered hydraulic power pack.

Part No.	Pushing Force	Pushing Speed	Cable Size	Sub-Duct Size
89000	220 lb	300 ft/min	0.24"- 1.26"	1/2"- 2-1/2"
89001	100 kg	90m/min	6-32 mm	12-63 mm

Pneumatic System
Air Hose Bore (min): 1-1/4" (32 mm)
Operating Pressure: 175 psi (12 bar)
Flow: The air supply should be filtered, cooled and dry
For Ducts with an Inner Diameter of: Minimum Flow Acceptable @175 psi (12 bar)
0 up 1" (0 up to 25 mm) : 150 CFM ($4m^3$/min)
1" up to 1-1/8" (26 up to 30 mm) : 250 CFM ($5m^3$/min)
1-1/8" up 1-3/8" (31 up to 35 mm) : 250 CFM ($7m^3$/min)
1-3/8" up to 1-5/8" (36 up to 40 mm) : 375 CFM ($10m^3$/min)
1-5/8" up to 1-3/4" (41 up to 44 mm) : 450 CFM ($12m^3$/min)
1-3/4" up to 2" (44 up to 51 mm) : 700 CFM ($19m^3$/min)

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JETSTREAM® CABLE BLOWING MACHINE

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The JetStream® has been designed to provide maximum cable protection, combined with the performance and reliability and hydraulic drive. The profiled double drive belt system is driven by single 32 cc hydraulic motor, and is powered by same power pack with oil cooler as the Tornado which is included. The electronic mounting system provides read-out of speed and distance, helps protect against duct obstructions and includes an emergency stop button.

The JetStream® is adjustable to suit a wide range of cable diameters .16"- .79" (4-20 mm)., and duct diameters of .75"- 1.50" SDR (10 - 50 mm O.D.)

Main Features
- Automatic cable centralizing
- Synchronous high grip profiled compliant drive belts
- Tabletop design
- Variable speed controls
- Digital cable speed and length monitoring
- Integral air valves and pressure gauges
- Polycarbonate safety guarding
- Low maintenance
- Wheeled travel case
- Tool Kit

Dimensions
19" W x 24.5" L x 9.2" H

Part No.	Air Pressure	Pushing Speed	Cable Size	Duct Size O.D.	Net Weight
89950	22- psi (15 bar) 450 cfm (12m^3/min)	280 ft/min (85m/min)	0.16"-0.79" (4-20 mm)	0.75"- 1.50" SDR (10-50 mm OD.)	68 lb (31 kg)
32800	**Power Required:** Included Hydraulic Power Pack				145 lb (66 kg)

ELECTRIC AIRSTREAM CABLE BLOWING MACHINE

GMP ®
TOOLS BUILT TO GO THE DISTANCE

The AirStream has been designed to maximize protection for micro cables with a compliant double drive concept, backed by the latest technology in servo controls to provide precise control of torque and speed. Single person operation with safe, easy to operate ergonomic controls combines with low maintenance and high reliability to form the machine's key features. The AirStream is adjustable to suite a wide range of cable diameters 2.5 -11 mm.

Main Features
- Automatic cable centralizing
- Synchronous high grip profiled compliant drive belts
- Tabletop design
- Forward and reverse
- Digital servo motor drive system
- Single person operation
- Auto stop facility when air stone fitted
- Digital cable speed and length monitor
- Variable torque and speed controls
- Integral air valve and pressure gauge
- Easy cable threading
- Polycarbonate safety guarding
- Lightweight and compact
- Low maintenance
- Low noise levels
- Travel case

Dimensions
11.8" W x 18.1" L x 10.6" H

Part No.	Power Required	Air Pressure	Pushing Speed	Cable Size	Tube Size O.D.	Net Weight
89300	110/220 Volt AC	220 psi (15 bar)	262 ft/min (80m/min	0.10"- 0.43" (2.5-11 mm)	0.20"- 0.71" (5 to 18 mm)	31 lb (14 kg)

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HURRICANE CABLE BLOWING MACHINE

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TOOLS BUILT TO GO THE DISTANCE

The Hurricane has been designed to maximize protection for micro cables with a compliant double drive concept, backed by the latests technology in servo controls to provide precise control of torque and speed. Single-person operation with safe, easy-to-operate ergonomic controls combines low maintenance and high reliability to form the machine's key features.

Main Features
- Installs an industry leading range of cables with one machine
- Dual Digital servo motor drive system
- Advanced data logging system measures speed, force, distance, GPS location and environmental conditions.
- Forward and reverse
- Automatic cable centralizing
- Synchronous high grip profiled compliant drive belts
- Vertical design with ergonomic controls for ease of operation
- Variable torque and speed controls via remote
- Single person operation
- Digital cable speed and length monitoring
- Auto stop facility when air stone fitted
- Integral air valve and pressure gauge
- Polycarbonate safety guarding
- Easy cable threading
- Lightweight and compact
- Low maintenance
- Low noise levels
- Travel case and tool kit.

Dimensions
12" W x 21-7/8" L x 13-7/8"" H

Part No.	Power Requirements	Pushing Force	Pushing Speed	Cable Size	Sub-Duct Size	Net Weight
90000	90-264VAC 50/60 Hz	95 lb (422 n)	279 ft/min (85m/min)	10"- 0.55" (2.5-14 mm) O.D.	0.20"- 0.98" SDR (5-25 mm) O.D.	53 lb (24 kg)

Pneumatic System
Air Hose Bore (min): 1-1/4" (32 mm)
Operating Pressure: 220 psi (15 bar) Max
Flow: The air supply should be filtered, cooled and dry

COMPRESSOR FOR MICRO FIBER CABLE BLOWING MACHINE

The Air Compressor is designed specifically for use with our Micro Fiber Cable Blowing Machines. This reliable & efficient screw compressor, powered by a gasoline engine provides a maximum working pressure of 220 psi (15 bar) with 35.3 cfm (1,000 liters/m) flow.

The compressor is modified to include an after cooler and water separator. The output air is filtered and conditioned to optimize the performance of our micro fiber cable blowing machines. The compressor package includes a 50 ft 3/4" dia. air hose for connection to the micro fiber cable blowing machine.

P/N 89011 Compressor	
Engine	Honda 21 HP
Fuel Capacity	5 gal (20 Liters)
Weight	487 lb (221 kg)
Dimensions	
42" L x 31" W x 30" H	

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ACCELAIR 2 BLOWN FIBER MACHINE

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The AccelAir 2 Blown Fiber Machine is the latest complement to the range of fiber optic blowing equipment available from GMP. Designed to suit the smaller end of fiber range from 2-12 fibers (0.8-3mm dia.), AccelAir2 completes the range of Tornado, JetStream, AirStream and Whisper fiber blowing installation systems all from GMP.

A compact integrated fiber blowing machine,, the AccelAir 2 benefits from full automation and fiber management. Its sophisticated fiber protection is designed to help ensure that the blown fiber mechanical and optical integrity is maintained. The machine is self-contained and only requires an electric supply and compressed air to operate.

Main Features
• Installs cable diameters of 0.8 - 1.3 mm with buckle protection. Up to 3 mm without buckle protection.
• Accommodates micro duct sizes of 3 - 10 mm
• Can be powered directly by the supplied 120/240v universal power supply or the AccelAir2 compressor's built in power 24v power supply. Optional 24v battery pack available.
• Light weight, durable construction with precision machined parts
• Single person operation
• Digital cable speed and length monitoring
• Integral air valve and pressure gauge
• Low maintenance
• Durable carrying case include

Dimensions
7.2" W x 6.5" L x 8.5" H

Part No.	Power Required	Max Air Pressure	Pushing Speed	Cable Size	Tube Size O.D.	Net Weight
89500	120/220v to power supply, 24v from compressor or optional 24v battery pack	220 psi (15 bar) 8.5 cfm (.24m³/min	165 ft/min (50m/min) w/buckle detection	0.8-3 mm	0.75"- 1.50" SDR (10-50 mm OD.)	6.6 lb (3 kg)

COMPRESSOR FOR MICRO FIBER CABLE BLOWING MACHINE

The Air Compressor is designed specifically for use with our Micro Fiber Cable Blowing Machines. This reliable & efficient screw compressor, powered by a gasoline engine provides a maximum working pressure of 220 psi (15 bar) with 35.3 cfm (1,000 liters/m) flow.

The compressor is modified to include an after cooler and water separator. The output air is filtered and conditioned to optimize the performance of our micro fiber cable blowing machines. The compressor package includes a 50 ft 3/4" dia. air hose for connection to the micro fiber cable blowing machine.

P/N 89011 Compressor	
Engine	Honda 21 HP
Fuel Capacity	5 gal (20 Liters)
Weight	487 lb (221 kg)
Dimensions	
42" L x 31" W x 30" H	

WHISPER MICRO CABLE BLOWING MACHINE

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The Whisper installs microcable and its versatility saves you money.

The design of the Whisper provides for quick and easy component changes for different cable duct sizes. Its compact size and portable maneuverability make the Whisper ideally suited for either outside or in-building use.

The Whisper uses compressed air to install the cable. The drive roller, powered by most types of cordless drills (not included), control the microfiber as it is propelled into the micro duct. An electronic monitoring system provides read-outs of speed and distance.

Main Features
- Installs cable diameters of 2-8.5 mm
- Flat Drop compatible.
- Accommodates micro duct sizes of 4-18 mm
- Uses the most any variable speed 3/8" drill as a power source
- Light weight, durable construction with precision machined parts
- Single person operation
- Digital cable speed and length monitoring
- Integral air valve and pressure gauge
- Low maintenance
- Ideal for smaller jobs where a bigger machine is simply to much
- Travel bag included

Dimensions
8.1" W x 9.7" L x 8.5" H

Part No.	Power Required	Max Air Pressure	Pushing Speed	Cable Size	Tube Size O.D.	Net Weight
89910 For Round Drop	Variable Speed Drill	220 psi (15 bar)	0-300 ft/min (0-90m/min)	2-8.5 mm Round and manufacturers Flat Drop	4-18 mm	12 lb (5.4 kg)
89915 For Flat Drop	Variable Speed Drill	220 psi (15 bar)	0-300 ft/min (0-90m/min)	2-8.5 mm Round and manufacturers Flat Drop	4-18 mm	12.5 lb (5.6 kg)

GENTLE AIR BLOWN FIBER BLOWING MACHINE

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Now you can depend on the same GMP quality as our larger machines in a new smaller package.. The Gentle Air uses compressed air to install the fiber. Coupled with the driven roller is a precision clutch that you can dial in your custom torque from zero to infinity. The rollers, powered by most types of cordless drills (not included), control the blow fiber as it is propelled into the micro duct. An electronic monitoring system provides read-outs of speed and distance.

Main Features
- Installs cable diameters of 0.039" to 0.118" (1.0 to 30 mm)
- Accommodates micro duct sizes of 4 to 7 mm (O.D.)
- Uses a fully adjustable precision clutch for torque control
- Lightweight, durable construction with precision machined parts
- Single person operation
- Digital cable speed and length monitoring
- Integral air valve and pressure gauge
- Low maintenance
- Ideal for smaller jobs where a bigger machine is simply to much
- Travel bag included

Dimensions
8.1" W x 9.7" L x 8.5" H

Part No.	Power Required	Max Air Pressure	Pushing Speed	Cable Size	Tube Size O.D.	Net Weight
89916	Variable Speed Drill	220 psi (15 bar)	300 ft/min (90m/min)	0.039" to 0.118" (1.0 to 3.0mm)	0.158" to 0.275" (4 to 7 mm)	12 lb (5.4 kg)

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MICRODRIVE CABLE BLOWER

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With the new GMP MicroDrive, placing optical fiber couldn't be safer and easier. Build with simplicity and reliability in mind, this blower is driven by an off-the-shelf battery-powered drill. Coupled with the driven roller is a precision clutch that you can dial in your custom torque settings. The MicroDrive offers battery-powered cable speed and distance counter along with a family of useful accessories. Manufactured in the USA by General Machine Products, a leader in innovative and specialized telecommunication products since 1936.

Main Features
- Placing optical fiber with the MicroDrive couldn't be safer and easier
- Build with simplicity and reliability in mind
- Blower is driven by an off-the-shelf battery powered drill
- Coupled with the drive roller is a precision clutch, which allows you to dial in your custom torque settings.
- Offers a battery powered cable speed and distance counter
- A family of useful accessories are also available

Dimensions
9.7" W x 5.6" L x 6.6" H

Part No.	Power Required	Max Air Pressure	Pushing Speed	Cable Size	Tube Size O.D.	Net Weight
89850	Variable Speed Drill with adjustable torque	220 psi (.15 bar)	300 ft/min (90m/min)	2.1-6.0 mm	7.0, 8.0, 8.5, 10.0, 12.0, 12.7, 14.0, 18 mm	6 lb (3.1 kg)

ACCESSORIES

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Tripod Mount
P/N 89945

Drill Stand
P/N 89948

Bottled Nitrogen Kit
P/N 89742

Whisper Air Supply Hose
P/N 89949

COMPRESSOR FOR MICRO FIBER CABLE BLOWING MACHINE

The Air Compressor is designed specifically for use with our Micro Fiber Cable Blowing Machines. This reliable & efficient screw compressor, powered by a gasoline engine provides a maximum working pressure of 220 psi (15 bar) with 35.3 cfm (1,000 liters/m) flow. The compressor is modified to include an after cooler and water separator. The output air is filtered and conditioned to optimize the performance of our micro fiber cable blowing machines. The compressor package includes a 50 ft 3/4" dia. air hose for connection to the micro fiber cable blowing machine.

P/N 89011 Compressor	
Engine	Honda 21 HP
Fuel Capacity	5 gal (20 Liters)
Weight	487 lb (221 kg)
Dimensions	
42" L x 31" W x 30" H	

GULFSTREAM™ 400

The Condux Gulfstream™ 400 Fiber Optic Cable Blower is easy to order. The base unit comes complete with job box, hydraulic hoses and everything listed below in the "Common Parts Kit". Complete the order by specifying the cable pack(s) and duct pack(s) necessary to meet your exact job requirements.

Part No.	Description
08782000	Fiber Optic Cable Blower
08782000INTL	Fiber Optic Cable Blower w/Int'l Fittings
08782010	Fiber Optic Cable Blower Package 1A (includes Cable Packs #1 - 7 and Duct Packs #2 - 5)
08782008	Fiber Optic Cable Blower Package 1B (includes Cable Packs #1 - 7 and Duct Packs #4, 5, 6)
Mechanical Version (No Electronic Control Box or Sensor	
Part No.	Description
08782004	Fiber Optic Cable Blower
08782004INTL	Fiber Optic Cable Blower w/Int'l Fittings
08782046	Fiber Optic Cable Blower Package 2A (includes Cable Packs #1 - 7 and Duct Packs #2 - 5)
08782048	Fiber Optic Cable Blower Package 2B (includes Cable Packs #1 - 7 and Duct Packs #4, 5, 6)
08782046	Fiber Optic Cable Blower Package 2C (includes Cable Packs #1 - 7 and Duct Packs #9, 10, 14)
08782056	Fiber Optic Cable Blower Package 2D (includes Cable Packs #1 - 7 and Duct Packs #14, 15, 17)

Cable Packs include Cable Grips (for end of cable), Pneumatic Venturies and Cable Seals.

Part No.	Description
Cable Pack(s) (minimum one required)	
Part No.	Description
08780393	Cable Pack #1 - 0.23"- 0.34" (5.8 - 8.8 mm)
08780394	Cable Pack #2 - 0.35"- 0.48" (8.9 - 12.2 mm)
08780512	Cable Pack #3 - 0.49"- 0.60" (12.4 - 15.2 mm)
08780395	Cable Pack #4 - 0.61"- 0.73" (15.3 - 18.5 mm)
08780513	Cable Pack #5 0.74" - 0.85" (18.8 - 21.5 mm)
08780396	Cable Pack #6 - 0.86"- 0.97" (22.0 - 24.5 mm)
08780514	Cable Pack #7 0.98"- 1.13" (24.9 - 28.7 mm)
08781117	Cable Pack #8 - 10.4 x 5.5 mm (Nylatron Venturi for flat fiber cables)
08781118	Cable Pack #9 - 15.2 x 6.7 mm (Nylatron Venturi for flat fiber cables)

Duct Packs include Cable Grip (for end of innerduct), Cable Carrier Innerduct Clamps, Innerduct Seals, Innerduct Pulling Eye & Foam Carriers.

Part No.	Description
Duct Pack(s) (minimum one required)	
Part No.	Description
08780795	Duct Pack #1 - .5" SDR 11/13.5
08780680	Duct Pack #2 - .75" (27 mm) SDR 11/13.5
08780386	Duct Pack #3 - 1" SDR 11/13.5
08780392	Duct Pack #4 - 1.24" SDR 11/13.5
08780397	Duct Pack #5 - 1.5" SDR 11/13.5
08780930	Duct Pack #6 - 2" - SDR 11/13.5
08781120	Duct Pack #7 - 20 mm
08781153	Duct Pack #8 - 22 mm
08780240	Duct Pack #9 - 25mm
08780385	Duct Pack #10 - 32mm
08780387	Duct Pack #11 - 36 mm
08780388	Duct Pack #12 - 37 mm
08780389	Duct Pack #13 - 1.25" TRUE
08780390	Duct Pack #14 - 40 mm
08780391	Duct Pack #15 - 42 mm
08780545	Duct Pack #16 - 44 mm
08780575	Duct Pack #17 - 50 mm

Common Parts Kit (included with all blower units)

Part No.	Description
08780120	Common Parts Kit (included with all ECB units)
08780952	Common Parts Kit (for Mechanical Version)
Kits include the following	
02290222	Small Case
08780506	Foam Inserts for Small Case
02284600	Small Divided Case
02288774	Parts Label for Small Divided Case
08780126	O-Rings Seal Kit
*02286416	2 Pin Extension Cord
08230800	Canvas Bag
08017000	5/8" x 600 lb Swivel (16mm x 2,669 N)
08780424	Capscrew Set (12-M04-07)
*08761248	Power Cord Assembly with Lighter Plug
02289620	Wrench, 3/4"
02290168	Standard & Metric Hex Key Set
02290168	Hex Ball Driver 3/32"
02283800	Hex Ball-Point Driver 2.5mm
02291090	9/16" Comb-Ratchet Wrench
08780223	Venturi Air Plug (Seal Disk)

*Not Included in kit 08708952

GULFSTREAM™ 400 & MINI-BLOWER/PUSHER DUCT PACTS

Pack	Duct Pack Duct Size	Duct Pack Part No.	Duct Clamp Duct O.D. (in)	(mm)	Part No.	Duct Seal Duct O.D. (in)	(mm)	Part No.	Carrier Carrier O.D. (in)	(mm)	Part No.	Foam Carrier Carrier O.D. (in)	(mm)	Part No.	Cable Grip Duct O.D. (in)	(mm)	Part No.	Innerduct Eye I.D. Range (in)	(mm)	Part No.
1	1/2" SDR 11-13.5	08780795	0.840"	21.3	08780791	0.840"	21.3	08780786	0.688"	17.5	08780793	0.75"	19.0	08078300	0.75"-0.99"	19-25	08643131	0.71"-0.77"	18-20	08913342
2	3/4" SDR11/13.5	08780680	1.050"	26.6	08780682	1.050"	26.6	08780685	0.750"	19.0	08780690	0.75"	19.0	08078300	1.00"-1.24"	25.4-31.5	08643137	0.71"-0.87"	18-22	08761840
3	1" SDR11/13.5	08780386	1.315"	33.4	08780369	1.315"	33.4	08780307	1.121"	28.5	08761250	1.25"	31.8	08761439	1.25"-1.49"	32-38	08643143	0.75"-1.00"	19-25	08913343
4	1.25" SDR11/13.5	08780392	1.660"	42.2	08780375	1.660"	42.2	08780051	1.414"	35.9	08761255	1.50"	38.1	08761440	1.50"-1.99"	38.1-50.5	08643149	1.06"-1.43"	27-36	08761842
5	1.5" SDR11/13.5	08780397	1.900"	48.3	08780404	1.900"	48.3	08780398	1.618"	41.1	08761260	1.75"	44.5	08761442	1.50"-1.99"	38.1-50.5	08643149	1.37"-1.68"	35-43	08761844
6	2" SDR11/13.5	08780930	08780920 2" Duct Adapter						2.023"	51.4	08761265	2.00"	50.8	08761444	0.75"-0.99"	19.0-25.1	08643155	1.80"-2.19"	46-56	08761846
7	20mm	08781120	0.787"	20.0	08781122	0.787"	20.0	08781121	0.688"	17.5	08780793	1.00"	25.4	08761444	0.75"-0.99"	19.0-25.1	08643131	.551"-.813"	14-20	08914007
8	22mm	08781153	0.866"	22.0	08781154	0.866"	22.0	08781155	0.688"	17.5	08780793	1.00"	25.4	08761439	1.25"-1.49"	31.8-37.8	08643131	0.71"-0.87"	14-20	08914007
9	25mm	08780240	0.984"	25.0	08780099	0.984"	25.0	08780134	0.787"	20.0	08780230	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643137	1.06"-1.43"	18-22	08761840
10	32mm	08780385	1.260"	32.0	08780368	1.260"	32.0	08780306	1.063"	27.0	08761560	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
11	36mm	08780387	1.417"	36.0	08780370	1.417"	36.0	08780308	1.81"	30.0	08761643	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
12	37mm	08780388	1.457"	37.0	08780371	1.457"	37.0	08780309	1.220"	31.0	08761555	1.25"	31.8	08761440	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
13	1.25" True	08780389	1.500"	38.1	08780372	1.500"	38.1	08780333	1.250"	31.7	08761670	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643143	1.06"-1.43"	27-37	08761842
14	40mm	08780390	1.575"	40.9	08780373	1.575"	40.9	08780334	1.299"	33.0	08761525	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643149	1.06"-1.43"	27-37	08761842
15	42mm	08780391	1.653"	42.0	08780374	1.653"	42.0	08780335	1.378"	35.0	08761660	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643149	1.37"-1.68"	35-34	08761844
16	44mm	08780545	1.732"	44.0	08780546	1.732"	44.0	08780547	1.496"	38.0	08761786	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643149	1.37"-1.68"	35-34	08761844
17	50mm	08780575	1.969"	50.0	08780435	1.969"	50.0	08780431	1.606"	40.0	08761579	2.00"	50.8	08761442	1.50"-1.49"	38.1-50.5	08643149	1.37"-1.68"	35-34	08761844

MICRO DUCT PACKS: GULFSTREAM™ 400 & MINI-BLOWER/PUSHER

Duct Size O.D. (mm)	Part No.	Duct Clamp	Duct Seal	End Stop Connector
10	08764140	08764142	08764143	08566325
12	08764110	08764112	08764113	08566327
12.7	08764150	08764151	08764153	08566338
14	08764120	08764122	08764123	08566328
16	08764130	08764132	08764113	08566329
18	08781110	08781106	08781101	08566334

GULFSTREAM™ 400 CABLE PACKS

Pack	Cable Pack Cable O.D. (in)	(mm)	Part No.	Venturi Cable O.D. (in)	(mm)	Part No.	Cable Seal Cable O.D. (in)	(mm)	Part No.	Cable Grip Cable O.D. (in)	(mm)	Part No.
1	0.23"- 0.34"	5.8-8.8	08780393	0.23"- 0.34"	5.8-8.8	08780281	0.23"-0.28" / 0.29"-0.42"	5.8-7.2 / 7.3-8.8	08780406 / 08780407	0.21"-0.35"	5.3-8.9	08643754
2	0.35"-0.48"	8.9-12.2	08780394	0.35"-0.48"	8.9-12.2	08781115	0.35"-0.42" / 0.43"-0.48"	8.9-10.7 / 10.8-12.2	08761424 / 08761425	0.32"-0.48"	8.1-12.2	08643755
3	0.49"-0.60"	12.3-15.2	08780512	0.49"-0.60"	12.3-15.2	08781116	0.49"-0.55" / 0.56"-0.60"	12.3-14.0 / 14.1-15.2	08761426 / 08761427	0.42"-0.61"	10.7-15.5	08643756
4	0.61"-0.73"	15.3-18.5	08780395	0.61"-0.73"	15.3-18.5	08780284	0.61"-0.67" / 0.68"-0.73"	15.3-17.0 / 17.1-18.5	08761428 / 08761429	0.53"-0.74"	13.5-18.8	08643757
5	0.74"-0.85"	18.6-21.6	08780513	0.74"-0.85"	18.6-21.6	08780285	0.74"-0.79" / 0.80"-0.85"	18.6-20.1 / 20.2-21.8	08761430 / 08761431	0.64"-0.87"	16.3-22.1	08643758
6	0.86"-0.97"	21.7-24.6	08780396	0.86"-0.97"	21.7-24.6	08780286	0.86"-0.92" / 0.93"-0.97"	21.7-23.4 / 23.5-24.6	08761432 / 08761433	0.75"-1.00"	19.1-25.4	08643759
7	0.98"-1.13"		08780514	0.98"-1.13"	24.7-28.7	08780446	0.98"-1.04" / 1.05"-1.13"	24.7-26.4 / 26.5-28.7	08761434 / 08761435	1.00"-1.24"	25.4-31.55	08643137
8	-	10.4 x 5.5 mm	08781117				(Nylatron venturi for flat fiber cables)					
9	-	15.2 x 6.7 mm	08781118				(Nylatron venturi for flat fiber cables)					

For best installation results, we recommend a 375 CFM compressor or larger with at least 100 psi. A compressed air water separator and aftercooler are also highly recommended-weather built-in to the compressor or as an additional unit in line between the compressor and fiber blower.

MICRO DUCT PRESSURE GAUGE KIT
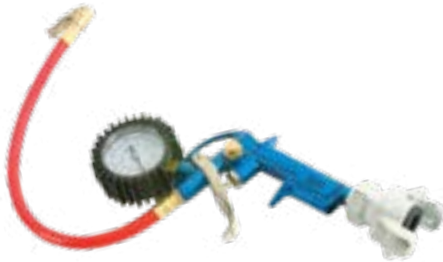
Use the Micro Duct Pressure Gauge Kit in conjunction with Air Valve Plugs for pressurizing Micro Duct to prevent kinking and crushing during installation.
(Required and sold separately form Micro Duct Installation Kits)

Part No.	Description
08780705	Micro Duct Pressure Gauge
08780705INTL	Micro Duct Pressure Gauge, International

MULTIPLE MICRO DUCT INSTALLATION KITS

Condux Multiple Micro Duct Installation Kits allow you to install up to 5 - 10/8 Micro Ducts, 4- 12/10 Micro Ducts or other multiple Micro Duct configurations into an existing innerduct when used with the Condux Gulfstream™ 400 Fiber Optic Cable Blower. Micro Duct pressure gauge kit is required (sold separately).

Part No.	Description
08780710	10/8 mm Multiple Micro Duct Installation Kit
08780712	12/10 mm Multiple Micro Duct Installation Kit
08780770	12.7 mm Multiple Micro Duct Installation Kit
08780797	16 mm Multiple Micro Duct Installation Kit
08780878	14/10 mm Multiple Micro Duct Installation Kit
08780747	1-16 mm & 1-12/10 mm Multiple Micro Duct Installation Kit
08780723	Flat Belt for Flat Fiber

10.8 mm Kit (up to 5)		12/10 mm Kit (up to 4)		12.7 mm Kit (up to 4)	
Part No.	**Description**	**Part No.**	**Description**	**Part No.**	**Description**
08645705	Cable Grip	08645704	Cable Grip	08645705	Cable Grip
08780720	Lower Belt	08780722	Lower Belt	08780722	Lower Belt
08780721	Upper Belt	08780722	Upper Belt	08780722	Upper Belt
08780724	Rear Guide Assembly	08780724	Rear Guide Assembly	08780724	Rear Guide Assembly
08780735	5-Hole Venturi	08780725	4-Hole Venturi	08780732	Rear Guide
08780739	Venturi Plugs	08780729	Venturi Plugs	08780750	Proofing Balls
08780740	Duct-Fill Plugs	08780730	Duct-Fill Plugs	08780771	4-Hole Venturi
08780741	Duct-Cap Plugs	08780731	Duct-Cap Plugs	08780772	Venturi Plugs
08780742	Rear Guide	08780732	Rear Guide	08780774	Duct-Cap Plugs
08780748	Proofing Balls	08780750	Proofing Balls	08780776	Duct-Fill Plugs

16 mm Kit (up to 2)		14/10 mm Kit (up to 3)		1-16 mm Kit & 2-12/10 mm Kit	
Part No.	**Description**	**Part No.**	**Description**	**Part No.**	**Description**
08645710	Cable Grip	08656710	Cable Grip	08645710	Cable Grip
08783383	Lower Belt	08783382	Lower Belt	08017000	Lower Belt
08780721	Upper Belt	08780883	Upper Belt	08783383	Upper Belt
08780723	Rear Guide Assembly	08780882	Rear Guide Assembly	08783382	Rear Guide Assembly
08780796	5-Hole Venturi	08780879	4-Hole Venturi	08780733	Rear Guide
08780734	Venturi Plugs	08780886	Venturi Plugs	08780734	Proofing Balls
08780743	Duct-Fill Plugs	08780730	Duct-Fill Plugs	08780743	4-Hole Venturi
08780745	Duct-Cap Plugs	08780731	Duct-Cap Plugs	08780745	Venturi Plugs
08780724	Rear Guide	08780724	Rear Guide	08780730	Duct-Cap Plugs
				08780731	Duct-Fill Plugs
				08780724	

FIBER CABLE INSTALLATION

BUILD IT RIGHT
The right products. The right service.

GULFSTREAM™ 400 HIGH DENSITY FIBER CONVERSION KIT

With installation of the Gulfstream™ 400 High Density Fiber conversion Kit on a Gulfstream™ 400 Fiber Blower, the blower is capable of installing large diameter ultra-high density ODP fiber into HDPE duct. The larger air block can accommodate 1"- 2" innerduct and fiber cable ranging from 0.49" to 1.54" (12.4 to 39.1 mm).

CONVERSION KIT

Part No.	Description
08782625	Gulfstream™ 400 High Density Fiber Conversion Kit

CABLE PACKS (minimum of one required)

Part No.	Description	
08782638	0.49"-0.60"	(12.4-15.3 mm)
08782637	0.61"-0.73"	(15.4-18.5 mm)
08782636	0.74"-0.85"	(18.6-21.6 mm)
08782635	0.86"-0.97"	(21.7-24.6 mm)
98782634	0.98"-1.13"	(24.7-28.7 mm)
08782633	1.14"-1.25"	(28.8-31.8 mm)
08782632	1.26"-1.34"	(31.9-34.0 mm)
08782631	1.35"-1.54"	(34.1-39.1 mm)

DUCT PACKS (minimum of one required)

Part No.	Description	
08782638	Duct Pack - 1"	SDR 11/13.5
08782637	Duct Pack - 1.25"	SDR 11/13.5
08782636	Duct Pack - 1.5"	SDR 11/13.5
08782635	Duct Pack - 2"	SDR 11/13.5

Y-BLOCK

The Condux "Y"-Block is designed for installing a Micro Duct or fiber cable into an existing occupied duct, when coupled to the Gulfstream™ 400 Fiber Optic Cable Blower. Portable, Easy to use Aluminum Construction with Built-in Carrying Handles and Canvas Storage Bag.

Part No.	Description
08761850	Y-Block

COMMON PARTS PACKAGE (Included with all Y-Blocks)

Part No.	Description
02283800	All Wrench 3/32"
02283900	Socket Hex Deep Well 11/16"
02289000	Ratchet, 3/8" Drive 6.75" Long
08761443	Seal Kit Replacement
08761868	Inflatable Shuttle for 1.00-1.25
08761869	Inflatable Shuttle for 1.50-2.00
08761884	Cable Seal for 0.35-0.50 Cable
08761885	Cable Seal for 0.51-0.90 Cable
08761438	Capscrew set

Y-BLOCK (sold separately)
(Each duct pack comes with 2-seals & 2-clamps)

Part No.	Description	Duct O.D.
08761386	Y-Block Duct Pack - 1.315 (33.4)	1.315"
08761826	Y-Block Duct Pack 0 1.570 (40.0)	1.570"
08761387	Y-Block Duct Pack - 1.660 (42.2)	1.660"
08761388	Y-Block Duct Pact - 1.900 (48.3)	1.900"
08761389	Y-Block Duct Pack - 2.375 (60.3)	2.375"

MINI BLOWER/PUSHER

The Mini-Blower/Pusher from Condux the lightweight, portable solution for easy installation of micro fiber and traditional fiber optic cable. The compact unit is ideally suited for most difficult job sites "last mile" fiber installations.

Backed by years of fiber blowing experience, the Mini Blower/Pusher is designed for the installation of fiber optic cables with diameters from 0.23" (5.8 mm) to 0.50" (12.7 mm) into duct 10 mm to 18 mm or traditional duct form 0.50" (12.7 mm) to 2" (50.8 mm).

Part No.	Description
08780800	Mini Blower/Pusher
08780801	Mini-Blower/Pusher Job Box with Kit for 12mm & 12.7 mm duct includes cable packs 1 & 2
08780865	Mini-Blower/Pusher Job Box with Kit for 3/4" & 1-1/4" duct and includes cable packs 1, 2 & 3.
08780860	Job Box Only

REPLACEMENT PARTS

Part No.	Description
08081320	Flat Roller for Flat Fiber
08081319	V-Grooved Roller Bottom
08081313	Top Roller Sleeve

HEAVY DUTY TRIPOD

The Mini-Blower/Pusher mounts easily to the surveyor style tripod, which adds stability and versatility to the fiber optic cable installation.

Part No.	Description
08780850	Heavy Duty Tripod

CABLE PACKS: MINI-BLOWER/PUSHER

	Cable Pack			Venturi			Cable Seal			Cable Grip
	Cable O.D.		Part No.	Cable O.D.		Part No.	Cable O.D.		Part No.	Part No.
Pack	(in)	(mm)		(in)	(mm)		(in)	(mm)		
1	0.23"- 0.34"	5.8-8.8	08780802	0.23"- 0.34"	5.8-8.8	08780803	0.23"-0.28"	5.8-7.2	08780406	08643754
							0.29"-0.42"	7.3-8.8	08780407	
2	0.35"-0.48"	8.9-12.2	08780804	0.35"-0.48"	8.9-12.2	08780805	0.35"-0.42"	8.9-10.7	08761424	08643755
							0.43"-0.48"	10.8-12.2	08761425	
3	0.49"-0.60"	12.3-15.2	08780806	0.49"-0.60"	12.3-15.2	08780807	0.49"-0.55"	12.3-14.0	08761426	08643756
							0.56"-0.60"	14.1-15.2	08761427	
4	10.4 x 5.5 mm		08781117	(Nylatron venturi for flat fiber cables)						
5	15.2 x 6.7 mm		08781118	(Nylatron venturi for flat fiber cables)						

GULFSTREAM™ 350

The Condux Gulfstream™ 350 Fiber Optic Cable Blower is all pneumatic and comes complete with a convenient storage case. With the ability to install fiber from 0.16"-0.62" (4-16 mm) into duct ranging from 0.50" - 1.25" (8-42 mm), the Gulfstream™ 350 provides a mechanical counter, speed indicator, and maximum belt visibility. Complete the order with cable packs and duct packs.

Part No.	Description
08784601	Gulfstream™ 350 Pneumatic Blower
08784605	Gulfstream™ 350E Pneumatic Blower with Recording
02292142	Work Folding Table (21.7 x 33.5 x 29.7 in)

GULFSTREAM™ 350 CABLE PACKS

Cable Pack		Venturi		Cable Seal		Cable Grip	
Cable O.D.	Part No.	Cable O.D.	Part No.	Cable O.D.	Part Number	Cable O.D.	Part Number
0.16"- 0.18" (4.0 - 4.5 mm)	08781160	0.16"- 0.18" (4.0 - 4.5 mm)	08781165	4.0 mm	08780960K	0.10"- 0.22" (2.5 - 5.6 mm)	08643753
				4.5 mm	08780961K		
0.18"- 0.31" (4.6 - 8.0)	08781161	0.18" - 0.31" (4.6 - 8.0)	08781166	5.0 mm	08780962K	0.10"- 0.22" (2.5 - 5.6 mm)	
				5.5 mm	08780963K		
				6.0 mm	08780964K		08643753
				6.5 mm	08780965K	0.21"- 0.35" (5.3 - 8.9 mm)	08643754
				7.0 mm	08780966K		
				7.5 mm	08780967K		
				8.0 mm	08780968K		
0.32"- 0.47" (8.1 - 12.0 mm)	08781162	0.32"- 0.47" (8.1 - 12.0 mm)	08781167	8.5 mm	08780969K	0.32"- 0.48" (8.1 - 12.2 mm)	08643755
				9.0 mm	08780970K		
				9.5 mm	08780971K		
				10.0 mm	08780972K		
				10.5 mm	08780973K		
				11.0 mm	08780974K		
				11.5 mm	08780975K		
				12.0 mm	08780976K		
0.48"- 0.61" (12.1 - 15.5 mm)	08781163	0.48" 0.61" (12.1 - 15.5 mm)	08781168	12.5 mm	08780977K	0.42"- 0.61" (10.7 - 15.5 mm)	08643756
				13.0 mm	08780978K		
				13.5 mm	08780979K		
				14.0 mm	08780980K		
				14.5 mm	08780981K		
				15.0 mm	08780982K		
				15.5 mm	08780983K		
0.61"- 0.65" (15.6 - 16.5 mm)	08781164	0.61"- 0.65" (15.6 - 16.5 mm)	08781169	16.0 mm	08780984K	0.53"- 0.74" (10.7 - 18.8 mm)	08643757
				16.5 mm	08780985K		
10.4 x 5.5 mm	08781117	(Nylatron venturi for flat fiber cables)					
15.2 x 6.7 mm	08781118	(Nylatron venturi for flat fiber cables)					

GULFSTREAM™ 350 DUCT PACKS

Duct Size O.D. (mm)	Part No.	Duct Clamp	Duct Seal	End Stop Connector	Duct Size O.D. (mm)	Part No.	Duct Clamp	Duct Seal	End Stop Connector
8	08764160	08764162	08764163	08566336	12.7	08764150	08764151	08764153	08566338
8.5	08764175	08764169	08764171	08566323	14	08764120	08764122	08764123	08566328
10	08764140	08764142	08764143	08666325	16	08764132	08764132	08764133	08566329
12	08764110	08764112	08764113	08566327	18	08781106	08781110	087641101	08566334

Duct Pack		Duct Clamp			Duct Seal			Carrier			Foam Carrier			Cable Grip			Innerduct Eye		
Duct Size	Part No.	Duct O.D. (in)	(mm)	Part No.	Duct O.D. (in)	(mm)	Part No.	Carrier O.D. (in)	(mm)	Part No.	Carrier O.D. (in)	(mm)	Part No.	Duct O.D. (in)	(mm)	Part No.	I.D. Range (in)	(mm)	Part No.
1/2" SDR 11-13.5	08780795	0.840"	21.3	08780791	0.840"	21.3	08780786	0.688"	17.5	08780793	0.75"	19.0	08078300	0.75"-0.99"	19-25	08643131	0.71"-0.77"	18-20	08913342
3/4" SDR11/13.5	08780680	1.050"	26.6	08780682	1.050"	26.6	08780685	0.750"	19.0	08780690	0.75"	19.0	08078300	1.00"-1.24"	25.4-31.5	08643137	0.71"-0.87"	18-22	08761840
1" SDR11/13.5	08780386	1.315"	33.4	08780369	1.315"	33.4	08780307	1.121"	28.5	08761250	1.25"	31.8	08761439	1.25"-1.49"	32-38	08643143	0.75"-1.00"	19-25	08913343
1.25" SDR11/13.5	08780392	1.660"	42.2	08780375	1.660"	42.2	08780051	1.414"	35.9	08761255	1.50"	38.1	08761440	1.50"-1.99"	38.1-50.5	08643149	1.06"-1.43"	27-36	08761842
20mm	08781120	0.787"	20.0	08781122	0.787"	20.0	08781121	0.688"	17.5	08780793	1.00"	25.4	08761444	0.75"-0.99"	19.0-25.1	08643131	.551"-.813"	14-20	08914007
22mm	08781153	0.866"	22.0	08781154	0.866"	22.0	08781155	0.688"	17.5	08780793	1.00"	25.4	08761439	1.25"-1.49"	31.8-37.8	08643131	0.71"-0.87"	14-20	08914007
25mm	08780240	0.984"	25.0	08780099	0.984"	25.0	08780134	0.787"	20.0	08780230	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643137	1.06"-1.43"	18-22	08761840
32mm	08780385	1.260"	32.0	08780368	1.260"	32.0	08780306	1.063"	27.0	08761560	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
36mm	08780387	1.417"	36.0	08780370	1.417"	36.0	08780308	1.81"	30.0	08761643	1.25"	31.8	08761439	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
37mm	08780388	1.457"	37.0	08780371	1.457"	37.0	08780309	1.220"	31.0	08761555	1.25"	31.8	08761440	1.25"-1.49"	31.8-37.8	08643143	1.06"-1.43"	27-37	08761842
1.25" True	08780389	1.500"	38.1	08780372	1.500"	38.1	08780333	1.250"	31.7	08761670	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643143	1.06"-1.43"	27-37	08761842
40mm	08780390	1.575"	40.9	08780373	1.575"	40.9	08780334	1.299"	33.0	08761525	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643149	1.06"-1.43"	27-37	08761842
42mm	08780391	1.653"	42.0	08780374	1.653"	42.0	08780335	1.378"	35.0	08761660	1.50"	38.1	08761440	1.50"-1.49"	38.1-50.5	08643149	1.37"-1.68"	35-34	08761844

Gulfstream™ 350 Blower Size
- Dimensions: 606 mm (L) x 341 mm (W) x 299 mm (H)
  - 23.9" (L) x 13.4" (W) x 11.8" (H)
- Weight: 55 lbs/25 kg

Duct Range
- 8 mm - 42 mm
- .50" - 125"

Fiber Cable Range
- 4 mm - 16.5 mm (.16" - .65")

Features
- Mechanical Counter/Real Time Distance (Meters and Feet)
- Speed Indicator (Meters and Feet)
- No tools Required for Belt Replacement
- Maximum Belt Visibility, Transparent Covers for Easy Monitoring
- Emergency Stop Button
- Air Conditioning: Filter, Regulator, and Lubricator
- Lightweight Case

Drive
- Pneumatic Drive System
- Maximum push force of 310 N (70 lb)
- Average Speed: 52 m/min @ 178 N (179 ft/min @ 40 lb)

Pressure and Flow

Micro Duct:
- Air Pressure Requirements *(BAR): 10 - 15 BAR
- Air Pressure Requirements *(PSI): 150 - 205 PSI
- Flow Requirements *(CMM): 0.5 - 1.5 CMM
- Flow Requirements *(CFM): 10 - 35 CFM

Traditional Duct:
- Air Pressure Requirements *(BAR): 7 - 10 BAR
- Air Pressure Requirements *(PSI): 100 - 150 PSI
- Flow Requirements *(CMM): 5 - 11 CMM
- Flow Requirements *(CFM): 185 - 375 CFM

*Air pressure and flow requirements depend on the size of the duct and the size of fiber being installed into that duct.

GULFSTREAM™ 300 MICRO FIBER BLOWER

The Condux Gulfstream™ 300 is an effective and economical approach to middle mile fiber installations. Able to install fiber optic cable ranging in size from 2.5 mm to 8 mm into duct form 7 mm to 18mm , the Gulfstream™ 300 offers the portability, convenience and power for standard middle mile projects in a cost effective package. Weighing just 9 lbs (4.1 kg), the Gulfstream™ 300 is easily transported and can be mounted on a tripod for optimum productivity.

Part No.	Description
08787001	Gulfstream™ 300 Micro Fiber Blower Standard Kit, US
08787002	Gulfstream™ 300 Micro Fiber Blower Standard Kit, Int'l
08787003	Gulfstream™ 300 Micro Fiber Blower Base Kit, US
08787004	Gulfstream™ 300 Micro Fiber Blower Base Kit, Int'l

INCLUDED IN STANDARD KITS:

Part No.	QTY	Description
02290961	1	Plastic Case
02291020	1	Hex Key Set
08784011	1	Large V-Groove Belt, GS300 QC
08783076	1	Seal Kit
08783519	1	O-Ring Kit (qty 5)
08787018	1	Flat Belt, GS300 QC
08787021	1	Rear Insert Power Guide (3-4mm)
08787022	1	Rear Insert Power Guide (5-7mm)
08787023	1	Rear Insert Power Guide (8-10mm)
08787060	1	AC Power Supply, 48v - US
08783508	1	AC Power Supply , 48v - Int'l (must install appropriate plug)
08782212	1	Tripod Plate, 5/8" to 1/4" Adapter
02290383	1	Adjustable HD Tripod, 42'-65"
08787066	1	Quick Change Tool

INCLUDED IN BASE KITS:

Part No.	QTY	Description
02290961	1	Plastic Case
02291020	1	Hex Key Set
08784011	1	Large V-Groove Belt, GS300 QC
08783076	1	Seal Kit
08783519	1	O-Ring Kit (qty 5)
08787018	1	Flat Belt, GS300 QC
08787021	1	Rear Insert Power Guide (3-4mm)
08787022	1	Rear Insert Power Guide (5-7mm)
08787023	1	Rear Insert Power Guide (8-10mm)
08787060	1	AC Power Supply, 48v - US
08783508	1	AC Power Supply , 48v - Int'l (must install appropriate plug)
08787066	1	Quick Change Tool

Gulfstream™ 350 Blower Size
• Dimensions: 11" (L) x 8 (W) x 6" (H)
      279 mm (L) x 203 mm (W) x 152 mm (H)
• Weight: 9 lbs/4.1 kg

Micro Duct Range
• 7mm - 8 mm
• Build in clamping system with interchangeable seals

Fiber Cable Range
• 2.5 mm - 8 mm

Power System
• Electric drive motor
• 48v AC Power Supply
  (Plugged into wall or 1000W Generator)

Drive
• Belt Drive
• Maximum push force of 30 lbs (133 N)
• Speed: 0-230 fpm (0 - 70mpm) with 48V inverter

Controls
• Forward/reverse switch
• Speed control to regulate motor speed
• Emergency stop button for instant shutdown
• Screen that monitors speed, distance and life counter
• Push force adjustment

Pressure and Flow
• Air Connections: 3/8" EU or US Coupling
• Air Pressure Requirements *(BAR): 10 - 15 BAR
• Air Pressure Requirements *(PSI): 150 - 205 PSI
• Flow Requirements *(CMM): 0.5 - 1.5 CMM
• Flow Requirements *(CFM): 10 - 35 CFM

*Air pressure and flow requirements depend on the size of the duct and the size of fiber being installed into that duct.

MICRO FIBER BLOWER REPLACEMENT PARTS
REPLACEMENT CABLE SEALS

*Included in Gulfstream™ 300 Standard Blower Kit

Part No.	Description
08783792	*2.5 mm Cable Seal Kit (6 pcs)
08783644	*3.0 mm Cable Seal Kit (6 pcs)
08783737	3.25 Cable Seal Kit (6 pcs)
08783645	*3.5 mm Cable Seal Kit (6 pcs)
08783739	3.75 mm Cable Seal Kit (6 pcs)
08783646	*4.0 mm Cable Seal Kit (6 pcs)
08783741	4.25 mm Cable Seal Kit (6 pcs)
08783647	*4.5 mm Cable Seal Kit (6 pcs)
08783743	4.75 mm Cable Seal Kit (6 pcs)
08783648	*5.0 mm Cable Seal Kit (6 pcs)
08783649	*5.5 mm Cable Seal Kit (6 pcs)
08783650	*6.0 mm Cable Seal Kit (6 pcs)

Part No.	Description
08783651	*6.5 mm Cable Seal Kit (6 pcs)
08783652	*7.0 mm Cable Seal Kit (6 pcs)
08783653	*7.5 mm Cable Seal Kit (6 pcs)
08783654	*8.0 mm Cable Seal Kit (6 pcs)
08783655	*8.5 mm Cable Seal Kit (6 pcs)
08783656	*9.0 mm Cable Seal Kit (6 pcs)
08783657	*9.5 mm Cable Seal Kit (6 pcs)
08783658	*10.0 mm Cable Seal Kit (6 pcs)
08783659	*10.5 mm Cable Seal Kit (6 pcs)
08783660	*Cable Seal Kit Blanks (6 pcs)
08783666	Flat Cable Seal Kit 8.1 mm x 4.5 mm (6 pcs)

REPLACEMENT DUCT PACKS

*Included in Gulfstream™ 300 Standard Blower Kit

Part No.	Description
08787035	*7.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787055	*8.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787037	*8.5 mm Duct Pack Assembly (includes 10 O-Rings)
08787038	*10.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787042	*12.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787043	*12.7 mm Duct Pack Assembly (includes 10 O-Rings)
08787028	*14.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787029	*16.0 mm Duct Pack Assembly (includes 10 O-Rings)
08787045	*18.0 mm Duct Pack Assembly (includes 10 O-Rings)

REPLACEMENT O-RINGS

Part No.	Description
08783192	7.0 mm Duct O-Ring Kit (12 pcs)
08783193	8.0 mm Duct O-Ring Kit (12 pcs)
08783194	8.5 mm Duct O-Ring Kit (12 pcs)
08783195	10.0 mm Duct O-Ring Kit (12 pcs)
08783196	12.0 mm Duct O-Ring Kit (12 pcs)
08783197	12.7 mm Duct O-Ring Kit (12 pcs)
08783641	14.0 mm Duct O-Ring Kit (12 pcs)
08783642	16.0 mm Duct O-Ring Kit (12 pcs)
08783643	18.0 mm Duct O-Ring Kit (12 pcs)

MICRO FIBER BLOWER ACCESSORIES

Part No.	Description
98783190	5.0 mm Duct O-Ring Kit (12 pcs)
08783191	6.0 mm Duct O-Ring Kit (12 pcs)
08783192	7.0 mm Duct O-Ring Kit (12 pcs)
08783193	8.0 mm Duct O-Ring Kit (12 pcs)
08783194	8.5 mm Duct O-Ring Kit (12 pcs)
08783195	10.0 mm Duct O-Ring Kit (12 pcs)
08783196	12.0 mm Duct O-Ring Kit (12 pcs)
08783197	12.7 mm Duct O-Ring Kit (12 pcs)
08783641	14.0 mm Duct O-Ring Kit (12 pcs)
08783642	16.0 mm Duct O-Ring Kit (12 pcs)
08783643	18.0 mm Duct O-Ring Kit (12 pcs)

GULFSTREAM™ 250 MICRO FIBER BLOWER

The Condux Gulfstream™ 350 is an effective and economical approach to middle mile fiber installations. Able to install fiber optic cable ranging in size from 2.5 mm to 8 mm into duct form 7 mm to 18mm , the Gulfstream™ 350 offers the portability, convenience and power for standard middle mile projects in a cost effective package.

*The Gulfstream™ 250 no longer uses batteries for power. 48v power supply included in kits.

Part No.	Description
08783805-50	Gulfstream™ 250 Micro Fiber Blower Standard Kit, US
08783805-51	Gulfstream™ 250 Micro Fiber Blower Standard Kit, Int'l
08783805-53	Gulfstream™ 250 Micro Fiber Blower Base Kit, US
08783805-54	Gulfstream™ 250 Micro Fiber Blower Base Kit, Int'l

INCLUDED IN STANDARD KITS:

Part No.	QTY	Description
02290961	1	Plastic Case
02291020	1	Hex Key Set
08783427	1	Large Groove Green Belt
08783076	1	Seal Kit
08783519	1	O-Ring Kit (qty 5)
08783425	1	Flat Orange Belt
08783770	1	Rear Insert Guide (3-4mm)
08787771	1	Rear Insert Guide (5-7mm)
08787772	1	Rear Insert Guide (8-10mm)
08787060	1	AC Power Supply, 48v - US
08783508	1	AC Power Supply , 48v - Int'l (must install appropriate plug)
08782212	1	Tripod Plate, 5/8" to 1/4" Adapter
02290383	1	Adjustable HD Tripod, 42'-65"
08787066	1	Quick Change Tool

INCLUDED IN BASE KITS:

Part No.	QTY	Description
02290961	1	Plastic Case
02291020	1	Hex Key Set
08783427	1	Large V-Groove Belt, GS300 QC
08783076	1	Seal Kit
08783519	1	O-Ring Kit (qty 5)
08783425	1	Flat Belt, GS300 QC
08783770	1	Rear Insert Power Guide (3-4mm)
08787771	1	Rear Insert Power Guide (5-7mm)
08787772	1	Rear Insert Power Guide (7-10mm)
08787060	1	AC Power Supply, 48v - US
08783508	1	AC Power Supply , 48v - Int'l (must install appropriate plug)
08787066	1	Quick Change Tool

Gulfstream™ 350 Blower Size
- Dimensions: 11" (L) x 8 (W) x 6" (H)
  - 279 mm (L) x 203 mm (W) x 152 mm (H)
- Weight: 9 lbs/4.1 kg

Micro Duct Range
- 5 mm - 8 mm
- Build in clamping system with interchangeable seals

Fiber Cable Range
- 2.5 mm - 8 mm
- 8.1 mm - 9.75 mm (with specialty wheels, not included in kit)

Power System
- Electric drive motor
- 48v AC Power Supply
  (Plugged into wall or 1000W Generator)

Drive
- Wheel Drive
- Maximum push force of 30 lbs (133 N)
- Speed: 0-230 fpm (0 - 70mpm) with 48V inverter

Controls
- Forward/reverse switch
- Speed control to regulate motor speed
- Emergency stop button for instant shutdown
- Screen that monitors speed, distance and life counter
- Push force adjustment

Pressure and Flow
- Air Connections: 3/8" EU or US Coupling
- Air Pressure Requirements *(BAR): 10 - 15 BAR
- Air Pressure Requirements *(PSI): 150 - 205 PSI
- Flow Requirements *(CMM): 0.5 - 1.5 CMM
- Flow Requirements *(CFM): 10 - 35 CFM

*Air pressure and flow requirements depend on the size of the duct and the size of fiber being installed into that duct.

SPECIALTY WHEELS
Fiber Cable Range

Part No.	Description
08783819	2.5 -4mm Wheel, Specialty Flat, Groove Orange (2 req'd)
08783884	3.5 -4.3mm Wheel, Specialty Flat, Groove Orange (2 req'd)
08783885	4.4 -5.5mm Wheel, Specialty Flat, Groove Orange (2 req'd)
08783886	5.6 -7.75mm Wheel, Specialty Flat, Groove Orange (2 req'd)
08783887	7.75 -9.75mm Wheel, Specialty Flat, Groove Orange (2 req'd)

MICRO FIBER BLOWER REPLACEMENT PARTS
REPLACEMENT CABLE SEALS

*Included in Gulfstream™ 250 Standard Blower Kit

Part No.	Description
08783792	*2.5 mm Cable Seal Kit (6 pcs)
08783644	*3.0 mm Cable Seal Kit (6 pcs)
08783645	*3.5 mm Cable Seal Kit (6 pcs)
08783646	*4.0 mm Cable Seal Kit (6 pcs)
08783647	*4.5 mm Cable Seal Kit (6 pcs)
08783648	*5.0 mm Cable Seal Kit (6 pcs)
08783649	*5.5 mm Cable Seal Kit (6 pcs)
08783650	*6.0 mm Cable Seal Kit (6 pcs)
08783651	*6.5 mm Cable Seal Kit (6 pcs)

Part No.	Description
08783652	*7.0 mm Cable Seal Kit (6 pcs)
08783653	*7.5 mm Cable Seal Kit (6 pcs)
08783654	*8.0 mm Cable Seal Kit (6 pcs)
08783655	*8.5 mm Cable Seal Kit (6 pcs)
08783656	*9.0 mm Cable Seal Kit (6 pcs)
08783657	*9.5 mm Cable Seal Kit (6 pcs)
08783658	*10.0 mm Cable Seal Kit (6 pcs)
08783660	*Cable Seal Kit Blanks (6 pcs)
08783666	Flat Cable Seal Kit 8.1 mm x 4.5 mm (6 pcs)

REPLACEMENT DUCT PACKS

*Included in Gulfstream™ 250 Standard Blower Kit

Part No.	Description
08783812	*5.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783813	*6.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783832	*7.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783833	*8.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783834	*8.5 mm Duct Pack Assembly (includes 10 O-Rings)
08783634	*10.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783635	*12.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783636	*12.7 mm Duct Pack Assembly (includes 10 O-Rings)
08783637	*14.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783638	*16.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783639	*18.0 mm Duct Pack Assembly (includes 10 O-Rings)

REPLACEMENT O-RINGS

Part No.	Description
98783190	5.0 mm Duct O-Ring Kit (12 pcs)
08783191	6.0 mm Duct O-Ring Kit (12 pcs)
08783192	7.0 mm Duct O-Ring Kit (12 pcs)
08783193	8.0 mm Duct O-Ring Kit (12 pcs)
08783194	8.5 mm Duct O-Ring Kit (12 pcs)
08783195	10.0 mm Duct O-Ring Kit (12 pcs)
08783196	12.0 mm Duct O-Ring Kit (12 pcs)
08783197	12.7 mm Duct O-Ring Kit (12 pcs)
08783641	14.0 mm Duct O-Ring Kit (12 pcs)
08783642	16.0 mm Duct O-Ring Kit (12 pcs)
08783643	18.0 mm Duct O-Ring Kit (12 pcs)

MICRO FIBER BLOWER ACCESSORIES

Part No.	Description
98783190	5.0 mm Duct O-Ring Kit (12 pcs)
08783191	6.0 mm Duct O-Ring Kit (12 pcs)
08783192	7.0 mm Duct O-Ring Kit (12 pcs)
08783193	8.0 mm Duct O-Ring Kit (12 pcs)
08783194	8.5 mm Duct O-Ring Kit (12 pcs)
08783195	10.0 mm Duct O-Ring Kit (12 pcs)
08783196	12.0 mm Duct O-Ring Kit (12 pcs)
08783197	12.7 mm Duct O-Ring Kit (12 pcs)
08783641	14.0 mm Duct O-Ring Kit (12 pcs)
08783642	16.0 mm Duct O-Ring Kit (12 pcs)
08783643	18.0 mm Duct O-Ring Kit (12 pcs)

BUILD IT RIGHT
The right products. The right service.

GULFSTREAM™ 150 MICRO FIBER BLOWER

The Condux Gulfstream™ 150 micro fiber blower is designed for FTTx and Enterprise micro fiber installation projects. The self-contained Gulfstream™ 150 combines the push force of a small electric motor driven belt drive with compressed air to quickly and easily install micro fiber cables from 1.0 mm to 2.5 mm in diameter into Micro Duct ranging in size from 5 mm to 8.0 mm at speeds up to 375 feet per minute.

*The Gulfstream™ 150 no longer includes battery or charger. Requirements listed below and must be sourced by installer.

Part No.	Description
98783400-50	Gulfstream™ 150 Micro Fiber Blower Standard Kit, US
98783400-51	Gulfstream™ 150 Micro Fiber Blower Standard Kit, Int'l
98783400-53	Gulfstream™ 150 Micro Fiber Blower Base Kit, US
98783400-55	Gulfstream™ 150 Micro Fiber Blower Base Kit, Int'l

INCLUDED IN STANDARD KITS:

Part No.	QTY	Description
08783054	1	Plastic Case
02291020	1	Hex Key Set
08783426	2	Small Groove Wheel
98783076	1	Seal Kit
08783077	1	O-Ring Kit (qty 5)
02290882	1	Adjustable Tripod, 9 lbs, 11" - 63"
02291088	1	3 Pin Cord set
08783026	1	Belt Battery Clip
08783259	1	Blank Seal Kit (qty 6)

INCLUDED IN BASE KITS:

Part No.	QTY	Description
08783054	1	Plastic Case
02291020	1	Hex Key Set
08783426	2	Small Groove Wheel
08783077	1	Seal Kit
02291088	1	O-Ring Kit (qty 5)
08783026	1	Belt Battery Clip
08783259	1	Blank Seal Kit (qty 6)

BATTERY/CHARGER REQUIREMENTS

- DeWalt Li-Ion Battery 12.0v
- DeWalt Li-Ion Charger 12v/20v
- DeWalt Li-Ion Battery 10.8v
- DeWalt Li-Ion Charger 10.9v

Gulfstream™ 350 Blower Size
- Dimensions: 11" (L) x 8 (W) x 6" (H)
  - 203 mm (L) x 152 mm (W) x 152 mm (H)
- Weight: 9 lbs/4.1 kg

Micro Duct Range
- 5 mm - 8 mm
- Build in clamping system with interchangeable seals

Fiber Cable Range
- 1 mm - 2.5 mm

Power System
- Electric drive motor
- 12v (US) or 10.8v (EU) Cordless Battery (not included)
- AC Power Supply (optional)

Drive
- Roller Drive
- Maximum push force of 4.5 lbs (20 N)
- Speed: 0-375 fpm (0-115 mpm)

Controls
- Forward/reverse switch
- Speed control to regulate motor speed
- Screen that monitors speed, distance and life counter
- Push force adjustment

Pressure and Flow
- Air Connections: 1/4" EU or US Coupling
- Air Pressure Requirements *(BAR): 10 - 15 BAR
- Air Pressure Requirements *(PSI): 150 - 205 PSI
- Flow Requirements *(CMM): 0.5 - 1.5 CMM
- Flow Requirements *(CFM): 10 - 35 CFM

MICRO FIBER BLOWER REPLACEMENT PARTS
REPLACEMENT CABLE SEALS

*Included in Gulfstream™ 150 Standard Blower Kit

Part No.	Description
08783448	*1.25 mm Cable Seal Kit (6 pcs)
08783449	*1.50 mm Cable Seal Kit (6 pcs)
08783450	*1.75 mm Cable Seal Kit (6 pcs)
08783451	*2.00 mm Cable Seal Kit (6 pcs)
08783452	*2.25 mm Cable Seal Kit (6 pcs)
08783453	*2.50 mm Cable Seal Kit (6 pcs)
08783259	*Cable Seal Kit Blacks (6 pcs)

REPLACEMENT DUCT PACKS

*Included in Gulfstream™ 150 Standard Blower Kit

Part No.	Description
08783170	*5.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783171	*6.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783172	*7.0 mm Duct Pack Assembly (includes 10 O-Rings)
08783173	*8.0 mm Duct Pack Assembly (includes 10 O-Rings)

REPLACEMENT O-RINGS

Part No.	Description
98783190	5.0 mm Duct O-Ring Kit (12 pcs)
08783191	6.0 mm Duct O-Ring Kit (12 pcs)
08783192	7.0 mm Duct O-Ring Kit (12 pcs)
08783193	8.0 mm Duct O-Ring Kit (12 pcs)

MICRO FIBER BLOWER ACCESSORIES

Part No.	Description
08783390	Gulfstream™ 150 Flow Regulator
08783391	Gulfstream™ 150 Flow Regulator - Int'l Fittings
02290882	Tripod
08783090	AC Power Supply - Int'l (must install appropriate plug)
08783301	GS150 Proof/Pressure Test Kit
08783085	A/C Power Supply - US
08783457	Hose Assembly, Claw to QD GS150 INT'L

dura·line

Formulated to meet specific requirements, our lubricants are available in a wide range of polymer and silicone-modified formulations in gel, creamy gel, or pourable forms. We offer a lubricant to match the type and weight of cable to be placed. Our lubricants are UL listed and available in Summer and Winter grades.

HYDRALUBE® LUBRICANTS

Cable Pulling
Copper, Fiber Optic, Coax, Electrical & Duct

Jetting
Fiber Optic or
Micro Cable

F-100i
Longer pulls,
high speeds

F-150i
Longest
horizontal pulls

F-200i
Long difficult pulls with
heavy cables &
multiple bens

F-300i
Horizontal or vertical
pulls with heavy cables
and multiple bends

Lubaduk
Contains
microspheres to aid with
heavy cable placement
and technical routes

AT-500
Pre-Lubricating conduit
prior to air assisted
blowing with heavy cables
and multiple bends

HYDRALUBE® COMPARISON CHART

		FREE-FLOWING LIQUIDS		STIFF GELLS		JETTING
		F-100i	F-150i	F-200i	Lubaduk/F-300i	AT-500
Sidewall Load	> 200 lb/ft		X	X	X	
	< 200 lb/ft	X	X	X	X	X
Pull Speed	> 60 fpm	X	X			X
	< 60 fpm		X	X	X	
Pull Length	> 800 ft	X	X		X	X
	< 800 ft	X	X	X	X	X
Duct Conditions	Wet		X	X	X	
	Dry	X	X	X	X	X
Orientation	Vertical			X	X	X
	Horizontal	X	X	X	X	X
Cable Weight	Heavy		X	X	X	
	Light	X	X	X	X	X

HYDRALUBE® F100i

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HydraLube F-100i incorporates new lubricant technology to create a high performance, water-based pourable lubricant formulated for many applications, such as fiber optic, coaxial, 600 V and higher voltage-rated cables. It is designed to meet or exceed all cable pulling requirements with respect to viscosity, cling, drag, wetting, operational temperature range and reduction of pulling tension. Lubricant application systems are available. UL Listed.

- New technology for increased friction reduction; will not be displaced by cables
- Very effective for placement of fiber optic, coaxial and other communications cables
- Effective for placing larger cables in short runs
- Can be poured or pumped
- Compatible with all types of cable jackets
- Slow drying, leaves a lubricating, non-adhesive film
- Safe to use: non-toxic, non-corrosive, non-flammable, non-staining
- Available in wide range of package sizes

CABLE PULLING
Copper, Fiber Optic, Coax, Electrical & Duct

	12 QTS (Case)	4 - 1 Gal (Case)	5 Gal Pail	55 Gal Drum
F100i Summer Part No.	20000209	20000210	20000200	20002218

HYDRALUBE® F150i

dura·line

HydraLube® F-150i incorporates new lubricant technology to create a high performance, water-based pourable lubricant formulated for many difficult applications, including extremely long pulls with multiple bends. It is designed to meet or exceed all cable pulling requirements with respect to viscosity, cling, drag, wetting, operational temperature range and reduction of pulling tension. Lubricant application systems are available. UL Listed.

- New technology for increased friction reduction; will not be displaced by cables
- Silicone modified for maximum friction reduction properties
- Especially effective for placement of fiber optic, coaxial and other communication cables
- Highly effective for placing high voltage power cables
- Can be poured or pumped
- Compatible with all types of cable jackets
- Slow drying, leaves a lubricating, non-adhesive film
- Can be poured or pumped; slow drying, leaves a lubricating, non-adhesive film
- Designed to meet or exceed all cable pulling requirements with respect to viscosity, cling, drag, wetting, operational temperature range and reduction of pulling tension
- Available in wide range of package sizes

CABLE PULLING
Copper, Fiber Optic, Coax, Electrical & Duct

	4 - 1 Gal (CS)	2 - 2.5 Gal (CS)	5 Gal Pail	55 Gal Drum
F150i Summer Part No.	20000211	20000212	20000205	20002217
F150i Winter Part No.	-	20000213	20000214	-

HYDRALUBE® F200i

dura·line

HydraLube® F-200i incorporates new lubricant technology to create a high performance, water-based gel lubricant formulated for many difficult applications, such as 600 V and higher voltage-rated cables. F200i is designed to meet or exceed all cable pulling requirements with respect to viscosity, cling, drag, wetting, operational temperature range and reduction of pulling tension. Lubricant application systems are available. UL Listed.

- New technology for increased friction reduction; will not be displaced by cables
- Especially effective for placement of large cables and long difficult pulls
- Very effective for conventional copper cables
- Can be pumped or installed using gel pack bags
- Compatible with all types of cable jackets
- Slow drying, leaving a lubricating, non-adhesive film
- Safe to use: non-toxic, non-corrosive, non-flammable, and non-staining
- Available in a wide range of package sizes

CABLE PULLING
Copper, Fiber Optic, Coax, Electrical & Duct

	12 QTS (CS)	(10) 64 oz Bags (CS)	4 - 1 Gal (CS)	5 Gal Pail	55 Gal Drum
F200i Summer Part No.	20000215	20000216	20000218	20000219	20002220
F200i Winter Part No.	-	-	-	20000220	-

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The right products. The right service.

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HYDRALUBE® F300i

CABLE PULLING
Copper, Fiber Optic, Coax, Electrical & Duct

Hydralube® F-300i is a polymer-based, water soluble lubricant specifically formulated for placement of wire and cable for electric and telecommunications applications. The pourable gel consistency of Hydralube® F-300i allows for easy application in underground horizontal pulls, whether by pouring directly into the cable feeder tube or applying by pump, thus avoiding the mess of hand application. Hydralube F-300i is designed to meet or exceed all cable pulling requirements with respect to viscosity drag, wetting, operation temperature range, and reduction of pulling friction.

- High performance polymer-based, water soluble, pourable gel-type cable lubricant formulated for pulling heavy cable and placement of wire and cable for electric and telecommunications applications
- Effective for all types of high voltage power cables and conventional copper telecommunication cables; compatible with all types of cable
- Effective for conventional copper telecommunications
- Easy applications in underground horizontal pulls, whether by pouring directly into the cable feeder tube or applying by pump, avoiding the mess of hand application
- Lower viscosity allows for easy for easy pumping or pouring
- Compatible with all types of cable
- Slow trying, leaving a lubricating, non-adhesive film, will not "cement" cable conduit
- Safe to use: non-toxic, non-corrosive, non-flammable, and non-staining
- Designed to meet or exceed all cable pulling requirements with respect to viscosity drag, wetting, operation temperature range, and reduction of pulling friction

	5 Gal Pail
F300i Summer Part No.	20000005

dura·line

LUBADUK®

CABLE PULLING
Copper, Fiber Optic, Coax, Electrical & Duct

LUBADUK® keeps pull tensions low; up to 74% less friction and 50% less pulling tension than with other lubricants. The effectiveness of LUBADUK® has been proven in the field and with extensive testing. Reduced cable tension (as much as 50%) greatly reduces the wear on cable pulling equipment and improves safety. A unique shear-sensitive carrying agent holds a dispersion of silicone oil and microspheres in suspension. LUBADUK® microspheres are tiny ball bearings, with diameters between 0.010" and 0.020." Pulling cable with LUBADUK® means cable actually rolls on a layer of microspheres, which keep friction between cable and conduit extremely low. Any change in the cable contact point provides a fresh layer of microspheres, keeping friction low.

- Reduced cable tension - up to 74% less friction and 50% less pulling tension than with other lubricants - greatly reduces the wear on cable pulling equipment and improves safety
- Increased pull lengths mean fewer setups
- Cost-saving - fewer pull boxes needed
- Direct application into the duct before the pull reduces wear on cable pulling equipment Unique shear-sensltive carrying agents holds a dispersion of silicone oil and microspheres in suspension
- Microspheres are tiny ball bearings, with diameters between 0.10" and 0.20"
- Available in standard or Winter grade (-40ºF)

	12 QTS (CS)	(6) - 1 Gal (CS)	5 Gal Pail	55 Gal Drum
LABADU® Summer	20000349	20000351	20000353	
LABADUK® Winter	20000350	20000352	20000354	20000536

BUILD IT RIGHT
The right products. The right service.

dura·line

HYDRALUBE® AT500

Hydralube® AT-500 is a high performance silicone lubricant formulated specifically for use with compressed air-assisted cable blowing, jetting and pushing systems. These systems inject a high volume of air into the conduit which will rapidly dry out conventional cable placement lubricants (including silicone-based) and cause surface stickiness. Further more, the initial temperature of the compressed air can be very high, which will accelerate drying of the lubricant. Hydralube® AT-500 deposits a special low friction silicone coating on the conduit wall surface that is resistant to the drying effects of the rapid air movement and high heat. This product is fully compatible with cable jackets and HDPE or PVC conduit systems.

- Silicone lubricant specially formulated for all air-assisted cable placement applications
- Resistant to the drying effects of high volume air movement
- Deposits a special low friction silicone coating on the conduit wall surface that is resistant to the drying effects of the rapid air movement and high heat
- Designed to leave a minute yet highly effective layer of silicone on the interior of the conduit
- Superior friction reduction properties with no "viscous drag" effects on cable
- Compatible with all types of conduit, cable, cable jackets and HDPE or PVC conduit systems

JETTING LUBRICANT
Fiber Optic or Micro-Cable

	12 QTS (CS)	4 - 1 Gal (CS)	5 Gal Pail	55 Gal Drum	270 Gal Tote
AT500 Summer Part No.	20000008	200000129	20000007	20000006	20000335
AT500 Winter Part No.	20000009		20000146		

TUBE LUBE® 326 PULLING LUBE

The benefits of DCD's premier cable lubricant include:
- Excellent lubrication and reduction of friction. Field tests show pulling loads can be reduced by over 50%, which is on par with the other leading brands.
- Proven to reduce the coefficient of friction — tests on PVC duct with polyethylene jacketed cable show this to be 0.13.
- Lower friction means longer cable pulls and lower viscosity means less drag on the jacket.
- Lubricant will flow around the cable when sprayed on, simply leaving a thin coating of lubricant all around the cable jacket, eliminating dry spots on the cable and further reducing friction. This also reduces usage by up to 50%.
- Can be used equally well for heavy power cable or CATV cable.
- Suitable for cable blowing. In Europe, it is recommended by Lancier, one of the original developers of cable blowing machines and equipment.
- Good for winter or summer temperatures (-4°F to 149°F / -20°C to 65°C).
- Minimal evaporation — active ingredients do not dry out after application so cable removal years later is easy. Unfinished applications can easily be started up again the next day.
- Contains no Volatile Organic Compounds and no silicone oils, yet is compatible with silicone.
- Safe, non-toxic, biodegradable, and non-flammable.
- Successfully tested to IEEE standards for determining compatibility of pulling lubricants, including Low-Smoke Zero-Halogen jacket and Semi-Conductive materials.
- Successfully tested to ASTM standards for environmental stress cracking of cable jackets, also including Low-Smoke Zero-Halogen jacket.
- Price is competitive on a gallon-to-gallon basis alone, so when you figure in the much lower usage, there are excellent savings to be gained.

Easy & Clean to use. Reduces friction for longer cable pulls.

Product ID	Description
35000-001	1 Quart Spray Bottle
35000-410	1 Gallon Jug (4 pack)
35000-050	5 Gallon Container
35000-265	265 Gallon Tote

MICRO DUCT PRESSURE TEST KIT

Use the Micro Duct Pressure Test Kit before setting up the Gulfstream™ 150/250/300 to pressure test, proof, and lubricate Micro Duct for optimum performance. For the cable blower to function properly, the Micro Duct system must be able to withstand and hold 100 psi (7 bar). Air leaks will reduce the compressors' ability to maintain the required pressure for cable installation. The duct system must also be passable by a proofing ball of roughly 80% fill ration so that there are no obstruction prohibiting the installation of fiber optic cable. Lubrication may also be desired to reduce the friction involved when installing fiber optic cable. Achieve maximum performance and installation distances by pressure testing, proofing, and lubricating the Micro Duct with the Condux Micro Duct Pressure Test Kit.

Standard Pressure Kits			
Part No.	Description	QTY	U/M
*08783302	Standard Pressure Kit (Includes all of the following)		
02291159	Tool Box	1	ea.
08783304	Pressure Test Gun	1	ea.
08239676	Lubricant, 8oz Bottle	1	ea.
08783315	Micro Duct Cutter	1	ea.
08783354	Micro Duct Cable Grip Test Kit	1	ea.

*Must select appropriately sized Micro Duct Kit from any kit listed below

GS150 Pressure Test Kit			
Part No	Description	QTY	U/M
08783303	GS150 Pressure Test Kit (Includes all of the following)		
08783316	5mm Micro Duct Proof/Press Test Kit	1	ea.
08783317	6mm Micro Duct Proof/Press Test Kit	1	ea.
08783318	7mm Micro Duct Proof/Press Test Kit	1	ea.
08783319	8mm Micro Duct Proof/Press Test Kit	1	ea.
08783304	Pressure Test Gun	1	ea.
08783315	Micro Duct Cutter	1	ea.
02291159	Tool Box	1	ea.
08239676	Lubricant, 8 oz Bottle	1	ea.
08783354	Micro Duct Cable Grip Test Kit	1	ea.

GS250/300 Pressure Test Kit			
Part No	Description	QTY	U/M
08783303	GS250/300 Pressure Test Kit (includes all of the following)		
08783319	8 mm Micro Duct Proof/Press Test Kit	1	ea.
08783320	8.5 mm Micro Duct Proof/Press Test Kit	1	ea.
08783315	Micro Duct Cutter	1	ea.
08783318	7 mm Micro Duct Proof/Press Test Kit	1	ea.
08783321	10 mm Micro Duct Proof/Press Test Kit	1	ea.
08783324	14 mm Micro Duct Proof/Press Test Kit	1	ea.
08783325	16 mm Micro Duct Proof/Press Test Kit	1	ea.
08783322	12 mm Micro Duct Proof/Press Test Kit	1	ea.
08783323	12.7 mm Micro Duct Proof/Press Test Kit	1	ea.
08783326	18 mm Micro Duct Proof/Press Test Kit	1	ea.
02291159	Tool Box	1	ea.
08783354	Micro Duct Cable Grip Test Kit	1	ea.
08783304	Pressure Test Gun	1	ea.
08230676	Lubricant, 8 oz Bottle	1	ea.

MICRO FIBER CARRIER KIT

Designed to attach the central strength member (CSM) of the cable. The seals are sized to accommodate the proper I.D. duct size for the maximum of the blowing distances and create an airtight seal in the duct.

Part No.	Description
08764090	Micro Fiber Carrier Kit

INNERDUCT COUPLINGS

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SPEED BALL SPLIT COUPLING

CONDUX

Hinged aluminum split coupling for temporarily joining all types of innerduct during a cable blowing process.

Note: Inserts sold separately.

Part No.	Description
08676844	Hinged Coupling Body

INSERTS

Part No.	Description	Mean Duct O.D. (in)	Mean Duct O.D. (mm)
08676859	1" SDR 11 & 13.5	1.315"	33
08676860	1-1/4" SDR 11 & 13.5	1.660"	42
08676861	1-1/2" SDR 11 & 13.5	1.900"	48
08676862	2" SDR 11 & 13.5	2.375	60
08676863	40 mm	1.575	40

REPLACEMENT SEALS

Part No.	Description
08676853	1" Seal
08676854	1-1/4" Seal
08676855	1-1/2" Seal
08676856	2" Seal
08676857	40 mm

REUSABLE MICRO DUCT COUPLERS

The Condux® Reusable Micro Duct Coupler allows for the temporary joining of two pieces of micro duct - essential when installing fiber optic cable.

These couplers are ideal for routing duct to the blowing machine or creating loops in downstream hand holes. Unlike traditional plastic couplers, the hinged assembly can be removed mid-span and reused.

Part No.	Description
08783910	Body
08783910	Micro Duct Coupler Insert Set - 5.0 mm
08783911	Micro Duct Coupler Insert Set -6.0 mm
08783912	Micro Duct Coupler Insert Set - 7.0 mm
08783913	Micro Duct Coupler Insert Set - 8.0 mm
08783914	Micro Duct Coupler Insert Set - 8.5 mm
08783915	Micro Duct Coupler Insert Set - 10.0 mm
08783916	Micro Duct Coupler Insert Set - 12.0 mm
08783917	Micro Duct Coupler Insert Set - 12.7 mm
08783918	Micro Duct Coupler Insert Set - 14.0 mm
08783919	Micro Duct Coupler Insert Set - 16.0 mm
08783920	Micro Duct Coupler Insert Set - 18.0 mm
08783921	Micro Duct Coupler Insert Set - 20.0 mm

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COMPRESSED AIR COOLER

Extreme heat can inhibit fiber optic cable installation and damage fiber optic cable and duct. When cable blowing, air is compressed and heat is generated. For example, air that enters a compressor at 100ºF (37ºC) exits the compressor at 350ºF (176ºC). At this temperature, fiber optic cable jacket and duct softening can occur. Heat problems can also occur if the duct run is exposed to direct sunlight. Condux Compressed Air Cool can help prevent heat damage to fiber optic cable and duct during cable blowing operations.

The Condux Compressed Air Cooler cols compressed air from a maximum temperature of 350ºF (176ºC) to with 20ºF (11ºC) of the ambient temperature. For example, if the ambient temperature is 100ºF (37º), air from the air compressor enters the air cooler at 350ºF (176ºC). That air will leave the cooler at approximately 120ºF (49º). Cooling the air reduces the chances of heat damage to the cable and duct. The Condux Compressed Air Cooler also removes moisture from the air. Water from humid air can dilute cable blowing lubricant and collect in the duct run.

Use of the Condux Compressed Air Cooler is recommended when ambient air temperatures reach 90ºF (32ºC) or more and/or the duct is exposed to direct sunlight.

Minimum ambient operating temperature 35ºF (1ºC)

Maximum inlet operating temperature: 350ºF (176ºC)

Maximum operating pressure: 250 psi (17 bar)
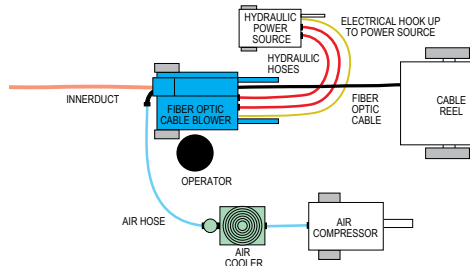
Part No.	Description
08761700	Air Cooler
02291174	1 Quart Air Oil

COMPRESSOR AFTERCOOLER

This unit has been designed as a stand-alone aftercooler for portable gas and diesel compressors. It delivers quality air to equipment, free of harmful condensed moisture. It will cool the compressed air to within 20º of ambient temperature. Can be used on most gas or diesel portable compressor when sized correctly.

	P/N 89060	P/N 89065
Max Flow	250 CFM	400 CFM
Max Pressure	200 psig	200 psig
Max Pressure Drop	5 psig	5 psig
Fan Power Required	12v x 17.5a	*24v x 9.6a
Dimensions (in)	24 x 29 x 32	48 x 24 x 30
Weight	70 lb	170 lb

*12v available upon request

P/N 89060

P/N 89065

INCLUDED HYDRAULIC POWER PACK

• 4 gpm @ 1,500 psi
• Integrated oil cooler for extended operations in high temperatures
• Unique suction circuit eliminates pulsation damage.
• Swing open frame provides excellent maintenance access

P/N 82800

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PORTABLE HYDRAULIC POWER PACKS

These portable power sources are matched perfectly to the power requirements of the Condux Fiber Optic Cable puller and the Fiber Optic Cable Blower. See the chart below for the specifications of each machine

Part No.	Description
08675255	10 HP Hydraulic Power Pack, Electric
08675702	13 HP Variable Flow Power Pack
08675258	18 HP Hydraulic Power Pack, Gas
08675264	23 HP Hydraulic Power Pack, Diesel

*Battery and fluids included, packaged separately for shipping

13 HP Power Pack

Specifications							
Power Pack Size	*10 HP Power Pack		13 HP Power Pack (recommended		*18 HP Power Pack		*23 HP Power Pack
Part No.	0867255		08675702		08675258		08675254
Hydraulic. System	Open Center						
Frame Type	Two Wheel Mobile Unit		Two Wheel Mobile Unit		Two Wheel Mobile Unit		Two Wheel Mobile Unit
Length	27.5" (698 mm)		26.5" (673 mm)		39" (991 mm)		39.0" (990 mm)
Width	24.5 " (622.3 mm)		20" (508 mm)		29" (737 mm)		28.8" (721 mm)
Height	31.5" (800.1 mm)		27.5" (698 mm)		32" (813 mm)		520 lbs (236 kg)
Weight (Dry)	200 lbs (90.72 kg)		143 lbs (65 kg)		233 lbs (106 kg)		520 lbs (236 kg)
Filtration	10 Micron Return Line Canister		10 Micron Return Line Canister		10 Micron Return Line Canister		10 Micron Return Line Canister
Oil Cooler	Air to Oil with Ind. Fan		Air to Oil		Air to Oil		Air to Oil
Engine	Baldor Electric		Gas		Gas		Diesel
	210 HP 220V 3 Phase Motor		13 HP Honda GX390		18 HP		23 HP Kohler Tier 4 Compliant
Fuel	-		1.6 gallons/6.5 liters		5 gallons/18.9 liters		5 gallons/18.9 liters
Hydraulic Oil (Useable)	4 gallons/15.1 liters		5 gallons/18.9 liters		5.3 gallons/20.1 liters		4 gallons/15.1 liters

	GPM @ PSI	LPM @ BAR	GPM @ PSI	LPM @ BAR	GPM @ PSI	LPM @ BAR	GPM @ PSI	LPM @ BAR
Hydraulic Rated Flow	8.8 0 8.0 2,000	33.3 0 30.2 138	6.8 0 6.9 1,800 8.8 0 8.0 2,000	25.8 0 22.4 138 33.3 0 30.2 138	11 0 10 2,000	42 0 38 138	12 0 12 2,000	45.4 0 45.4 139
Hydraulic Relief Valve Pressure	2,100 PSI (145 BAR)		2,150 PSI (148 BAR)		2,150 PSI (148 BAR)		2,150 PSI (148 BAR)	

*Special Order

HYDRAULIC POWER PACK ACCESSORIES

Part No.	Description
08675858	Hydraulic Hose Kit, 20' (6m) Hose with Couplings
08780384	Hydraulic Hose with flow control manifold (GS400)
02260000	Hydraulic Coupling, Female Flat Face Faster 2FFN28-12NPT-F/Bruning FF371-8FP
02260100	Hydraulic Coupling, Female Flat Face Faster 2FFN28-12NPT-M/Bruning FF372-8FP
02206200	Dust Cap, Male Coupling
02260201	Dust Cap, Female Coupling
02286416	Power cord assembly extension, 2-pin straight, 20' (6m)
08761248	Power cord with cigarette adapter

Dust Caps   **Couplings**
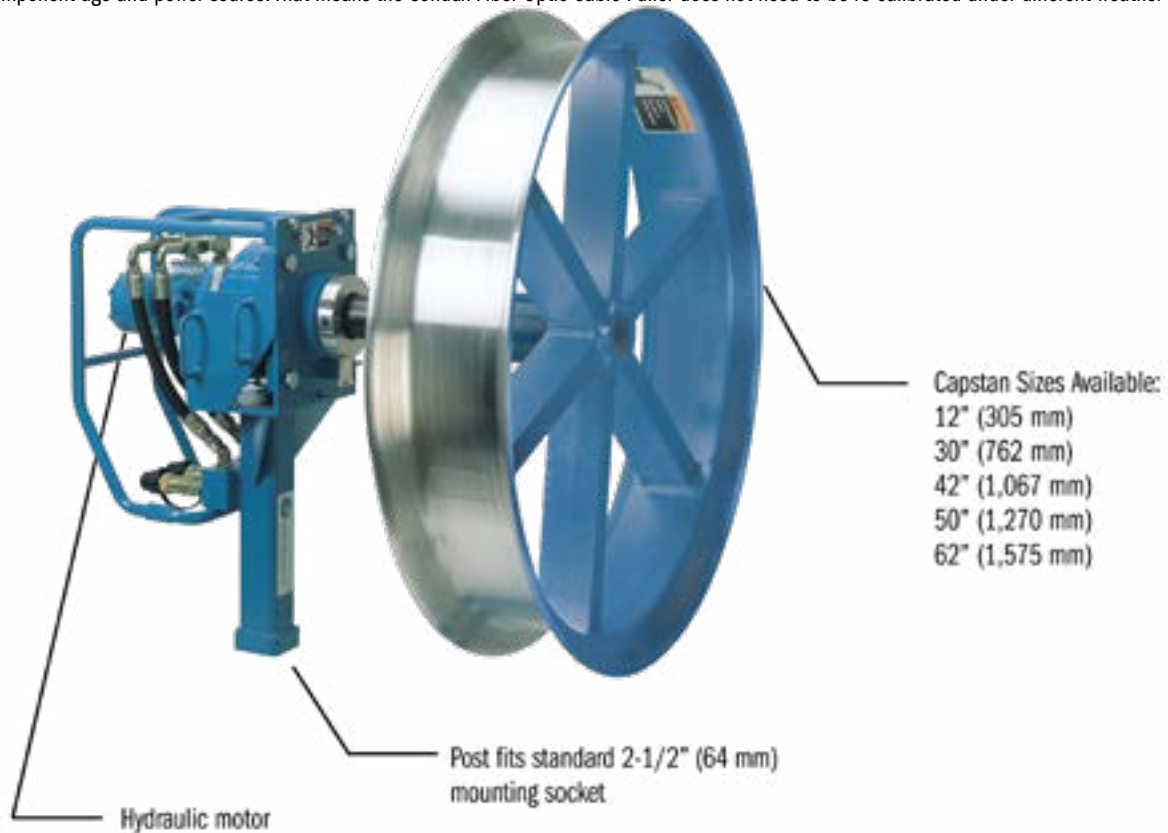
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FIBER OPTIC CABLE PULLERS

CONDUX

The Fiber Optic Cable Puller from Condux sets new standards for safe, accurate pulling of fiber optic cables. Only the Condux puller can offer load cell torque input for the most accurate tension measuring available. Unlike most hydraulic measuring systems, this system is not affected by changes in oil temperature, component age and power source. That means the Condux Fiber Optic Cable Puller does not need to be re-calibrated under different weather condition.

Capstan Sizes Available:
12" (305 mm)
30" (762 mm)
42" (1,067 mm)
50" (1,270 mm)
62" (1,575 mm)

Post fits standard 2-1/2" (64 mm) mounting socket

Hydraulic motor

STANDARD FEATURES
These pullers consist of a hydraulic motor and variable speed foot control. All pullers are calibrated for a maximum pull tension of 600 lbs on a 30" capstan; maximum pull tension can be adjusted using the manually adjustable pressure relief valve.

OPTIONAL FEATURES
The Condux Fiber Optic Puller features an optional electronic tension control system with adjustable digital load limits and a load cell tension measuring device with a paperless recorder and trend display, compact flash drive with 64MB flash and USB interface.
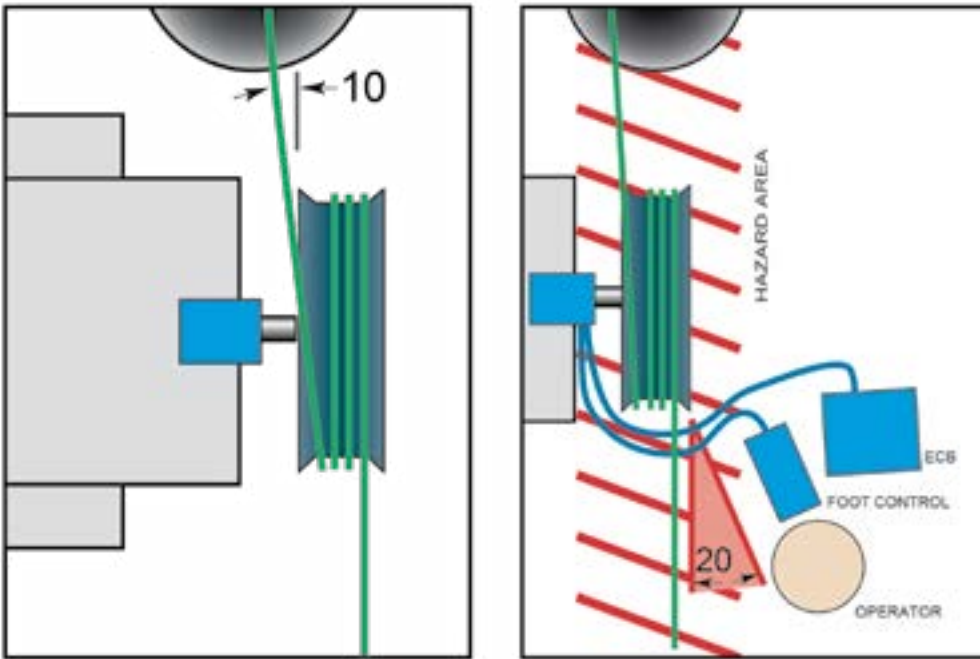
WARNING: The Fiber Optic Cable Puller is not to be used as a hoist for lifting, supporting or transporting people or loads.

FIBER OPTIC CABLE PULLERS

Easy to set up, Safe to use
Condux Fiber Optic Cable Pullers set up easily at a variety of jobsite layouts. Components are modular, adding to versatility and operator safety.

Variable Speed Foot Control
Like the accelerator pedal in your car or truck, the Variable Speed Foot Control allows the operator to easily manage the speed of the pull.

Recommended Hydraulic Power Source Specifications	
Pressure	0-2,000 psi (0-138 bar)
Flow	0-8 gpm (0-30 lpm)
Peak Power	13 HP (9.7 kW)

Recommended Hydraulic Power Source Specifications										
Capstan Dia.	12" (305 mm)		30" (762 mm)		42" (1,067 mm)		50" (1,270 mm)		62" (1,575 mm)	
Max. Pulling Force	lb	N	lb	N	lb	N	lb	N	lb	N
	2,000	8,0900	900	4,000	600	2,670	540	2,400	430	1,910
*Max. Pulling Speed	ft/min	m/min	ft/min	m/min	ft/min	m/min	ft/min	m/min	ft/min	m/min
	98	30	240	74	340	100	410	120	500	150

*At no load and input of 8 gpm (30 lpm)

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FIBER OPTIC CABLE PULLING PACKAGES

A complete fiber optic cable pulling jobsite setup requires a Fiber Optic Cable Puller (with foot control and hoses), a capstan, a puller mount, and hydraulic power source. These components are purchased separately; the options for pullers, capstans, and mounts are listed below. Condux recommends a hydraulic power source capable of up to 8 gpm (30 lpm) and 2000 psi (138 bar) for use with the Fiber Optic Cable Puller.

FIBER OPTIC CABLE PULLERS

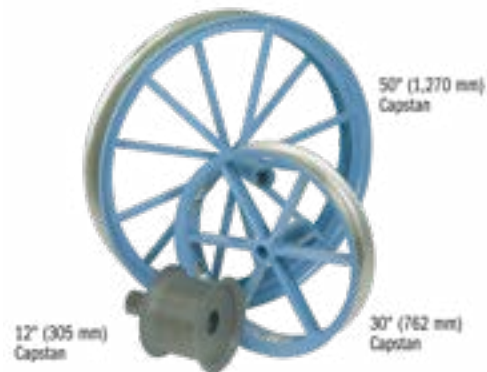| Part No.	Description
08690002	Fiber Optic Puller - Includes Puller, Foot Control and Hoses.
08690056	Fiber Optic Puller with ECB-includes Puller, Foot Control, Hoses and Electronic Control Box

CAPSTAN
For a Standard 2-7/16" diameter bayonet style shaft.

	Diameter		Flat Width		Max. Cable O.D.		Load Rating	
Part No.	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lb)	(kN)
*08675213	12"	305	9"	229	-	-	2,000	8.9
08675230	30"	762	4"	102	0.75"	19	1,000	4.4
08675430	30"	762	5"	203	0.75"	19	600	2.7
08675436	42"	1,067	8"	203	1.05"	27	600	2.7
08675220	50"	1,270	8"	203	1.25"	32	600	2.7
08675275	62"	1,574	8"	203	1.55"	39	600	2.7

*Not to be used for fiber optic cable. Intended for pulling innerduct, power, telephone or coaxial cables.

50" (1,270 mm) Capstan
12" (305 mm) Capstan
30" (762 mm) Capstan

FIBER OPTIC CABLE PULLER MOUNTS

REMOTE MOUNTING STAND
Allows positioning of the cable puller well away from the power source. Easy to set up, the unit is both sturdy and compact. Easy to set up, the unit is both sturdy and compact.

Part No.	Description
08675115	Remote Mounting Stand
08675282	Wide Remote Mounting Stand (required for 62" capstan)

FIBER OPTIC CABLE PULLER HITCH MOUNT
The Hitch Mount attaches directly into a typical 2"(51 mm) square Reese-type receiver. An adjustable jack is included for added stability and height adjustment. Pulling loads must not exceed 800 lbs. (3,559 N).

Part No.	Description
08675908	Fiber Optic Cable Puller Hitch Mount
08675930	Adjustable Fiber Optic Cable Puller Hitch Mount 22.2"

POLE MOUNTING FRAME
A special plug drives into wood poles for added stability. Includes all mounting hardware.

Part No.	Description
08676000	Pole Mounting Frame and hardware

MOUNTING SOCKETS

Part No.	Description
02260801	Floor Socket Mount, cast
08675130	Base Mount
08675138	Side Mount

Adjustable Hitch Mount 22.2

Pole Mounting Frame

Mounting Sockets
1- Floor Socket Mount
2-Base Mount
3-Side Mount

SLIP CLUTCH CAPSTAN

Slip Clutch Capstans from Condux are designed to mount directly on a bayonet style winch drive shaft. A Factory preset torque limiter prevents pulling tensions from exceeding 600 pounds (2,670 N) +10% (60 lbs or 267 N). If the preset load is reached, the capstan will "slip" and continue rotating.

High Strength aluminum and steel construction ensures product durability and cable protection.

The capstan is designed for use with 2-7/16" (62 mm) diameter, AT&T specification bayonet style power take-off (PTO) shaft.

Part No.	Diameter (in)	Diameter (mm)	Flat Width (in)	Flat Width (mm)	Max. Cable O.D. (in)	Max. Cable O.D. (mm)	Load Rating (lb)	Load Rating (kN)
08760030-06	30"	762	4'	102	.75"	19	600	2670
08760040-06	42"	1,067	8"	203	1.05"	26.7	600	2670
08760050-06	50"	1,270	8"	203	1.25"	32.5	600	2670
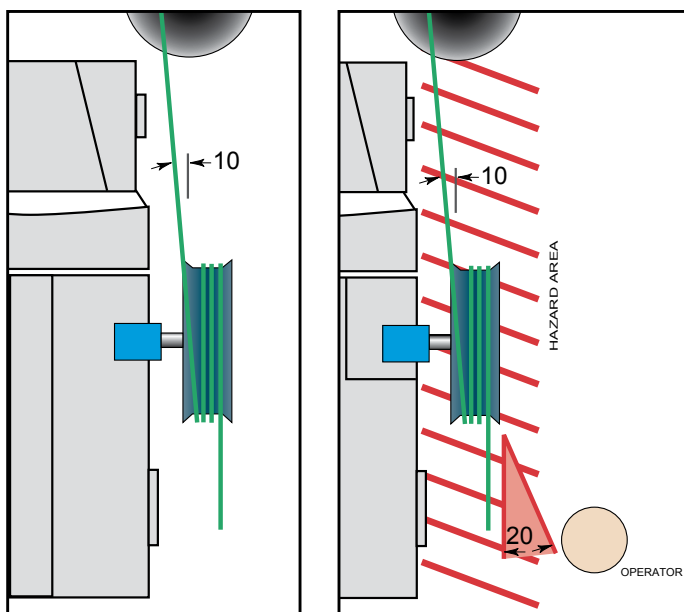
OPEN STYLE FIBER OPTIC CABLE PULLER TRAILER

Access job sites with ease using the Condux Open Style Fiber Optic Cable Puller Trailer. The open style has advantages in portability , accessibility and cost.

On the job, again easy access to all components with the open face design. Small items can be stowed in a lockable storage compartment. Leveling and stabilizing hardware in included. The Open Face Fiber Optic Cable Puller Trailer comes standard with built-in cable puller mounts on the left and right rear corners.

Options include a choice of two Condux Fiber Optic Cable Puller packages, choice on four capstans, a 13 Hp (9.7 kW) Power Puller and a Remote Mounting Stand. The trailer bed is designed to accommodate standard and optional equipment with built-in mounting systems for secure travel.

Accessible Storage; all components are easy to see and use

Trailer weighs 800 lbs. (363 kg) (without options)

4 Capstan Sizes Available

Remote Mounting Stand (detachable)

2-1/2" (64 mm) square mounting socket for use with any Fiber Optic Cable Puller

13 HP (9.7 kW) variable flow power pack

Power Supply	
Engine	HP Honda GX390
Horsepower	12 hp @ 3600 rpm
Starting	Electric
Fuel	Unleaded Gas, 85 Octane Min, 10% or less Ethanol Blend
Fuel Capacity	1.6 gallons (6.4 L)
Speed Control	Variable

Hydraulics	
Capacity	8.0 gpm @ 2,000 psi (30.2 lpm @ 138 bar)
Reservoir	5.0 gallons (18.9)
Filtration	10 micron return line canister type
Hydraulic Oil Requirements	petro based, anti-wear, high viscosities over 140
Hydraulic Relief Valve Pressure	2,150 psi (148.3 bar)

Stand Alone Trailer Specifications	
Weight	800 lbs (363 kg)
Axle	3,500 lbs (1,590 kg) Type II
Tire	P205/75R14 Steel Belted Radials
Rims	14" x 6" (356 mm x 152 mm)
Track	60" (1,254 mm)
Overall Width	80" (2,032)
Overall Height	48" (1,219)
Hitch	3" (76 mm) Lunette Eye
Lightening	7 Pin Connector
Electronics	12 VDC

Complete Fiber Optic Puller Trailer Packages

Packages include puller, capstan, remote mounting stand, and hydraulic power pack assembled on trailer.

Part No.	Description
08675740	30 x 4 Fiber Optic Puller/Trailer/Capstan Pkg
08675742	30 x 8 Fiber Optic Puller/Trailer/Capstan Pkg
08675744	42 x 8 Fiber Optic Puller/Trailer/Capstan Pkg
08675746	50 x 8 Fiber Optic Puller/Trailer/Capstan Pkg
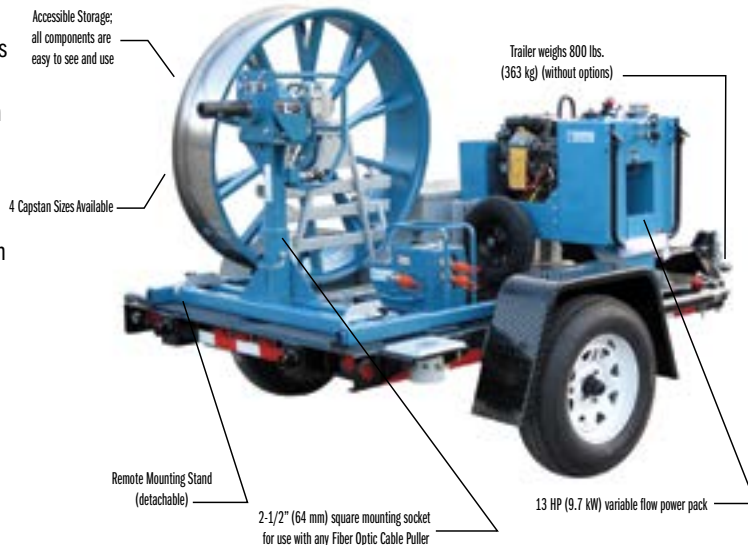
BUILD YOUR OWN OPEN STYLE FIBER OPTIC CABLE PULLER KIT

Use the **Base Part Number** shown below and also choose accessory options by part number when placing your order. All items are priced individually.

Base Part No.	Description
08675675	Open Style Fiber Optic Cable Pulling Trailer (Includes: Trailer Flat Assembly, Wheel Chocks and Tool Box) *Some assembly required

Choose one selection from each category:

Fiber Optic Cable Puller Options:
(Includes Foot Control and Hoses)

1

Part No.	Description
08690001	Fiber Optic Cable Puller without Electronics
08690055	Fiber Optic Cable Puller with Electronic Control Box and Paperless Chart Recorder

Capstan Options:

2

Part No.	Description
08675230	30" (762 mm) Capstan; 4" (102mm) wide
08675430	30" (762 mm) Capstan; 8" (203 mm) wide
08675436	42" (1,067 mm) Capstan; 8" (203 mm) wide
08675220	50" (1,270 mm) Capstan 9" (203 mm) wide

Power Pack Option:

3

Part No.	Description
08675702	13 HP (9.7 kW) Power Pack, Gas

Standard Option:

4

Part No.	Description
08675115	Remote Mounting Stand

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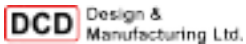
SERIES 42700
Fiber Cable Puller

DCD Design & Manufacturing Ltd.

The Fiber Cable Puller is a simple, easy to use cable puller that is designed to accommodate industry standard sheaves of 7-1/4", 30", or 42" diameter specifically intended for use with fiber optic cables requiring a minimum bend radius The unit is powered by the TUF-Lugger™ Lite Lifting - Gas (41000-400) or by the TUF-Lugger™ Lite Lifting - Electric (41000-500), providing a gas or electric option as simple, lighter, less costly option than a typical hydraulic puller. Best of all, the Fiber Cable Puller is assembled using the Vertical Pull Support (42200-050) and the TUF-Lugger Lite (41000 series), which includes the standard capstan. Simply dismount the winch and install the standard capstan and the winch can be used as a stand-alone item, which comes with a 2-1/4" capstan providing a 2,200 lb pulling force.

Standout Features
- 30" and 42" capstan drums are compatible with Bull-Line™ Tape
- Easily Disassembled with simple tools; each component weighs less than 74 lb
- Base frame legs are removable for compact storage. They also includes pads for leveling on hard surfaces.
- Frame clearance allows a vertical pull out of a manhole or well.
- Holes in base frame allow frame to be pegged or bolted to the ground
- Controlled using cable actuated foot pedal, allowing operator both hands to handle rope.
- Vertical Pull Support (42200-050, included) is compatible with 2" square tubing adapter, making unit hitch mountable.

Fiber Cable Puller Assemblies

Part No.	Description	Weight
42700-000G	Fiber Cable Puller (Gas) w/H-Frame Base	204 lb
42700-000E	Fiber Cable Puller (Electric) w/H-Frame Base	215 lb
42700-0101G	Fiber Cable Puller (Gas) w/Hitch Base	175 lb
42700-010E	Fiber Cable Puller (Electric) w/Hitch Base	186 lb

Capstan Drums

Part No.	Description	Weight
40030-070	7-1/4 Capstan Drum	30 lb
40030-300	30" Capstan Drum	75 lb
40030-400	42" Capstan Drum	105 lb

Base Options

Part No.	Description	Weight
42700-100	Hitch Mount for Fiber Cable Puller	37 lb
42700-300	Hitch Mount for Fiber Cable Puller	65 lb

Specifications

Part No.	Engine	Power Requirement	Work Cycle	Clutch	Maximum Pulling Force				Maximum Pulling speed			
					2-1/4" Capstan	7-1/4" Capstan	30" Capstan	42" Capstan	2-1/4" Capstan	7-1/2" Capstan	30" Capstan	42" Capstan
42700-00G (Gas)	4-Stroke Honda GSH-50cc	-	100% Continuous Work	Centrifugal Clutch	2,200 lb	2,933 lb	880 lb	660 lb	40' per minute	34' per minute	114' per minute	152' per minute
42700-000E (Electric)	AC Electric Baldor TEFC 60 Hz	11-V 10 AMP	*75% Work Cycle	N/A (Direct Drive)	1,800 lb	2,200 lb	675 lb	500 lb	40' per minute	19' per minute	64' per minute	85' per minute

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HYDRAULIC LIMITED CABLE PULLER

GMP
®
TOOLS BUILT TO GO THE DISTANCE

The Hydraulic Limited Cable Puller is designed to offer exceptional value while providing critical speed control and overload protection. It is simple to set up and easy to operate.

Standard Features:
- Adjustable pull control, up to 1,000 lbs (453 kg) maximum on a 40" (101 cm) diameter Capstan
- Speeds up to 425 ft/min @ 15 gpm flow
- Control panel with pressure gauge, pressure adjustment knob and directional foot control valve
- 1/2" (12.7 mm) non-spill quick-disconnect fittings for 2,500 psi maximum hydraulic source input
- Three versatile set up options are available: Self-Support, Vehicle Receiver Mount and Socket Mount
- Portable Hydraulic Power Source that Provides 8 gpm @ 2,000 psi with 20 ft. (6m) of hydraulic hose

Part No.	Description	Weight
71483	Hydraulically Limited Cable Puller Motor w/Self-Support Frame	293 lb (133 kg)
71484	Hydraulically Limited Cable Puller Motor w/Vehicle Mount, Support Jack, Foot Control Valve and (2) hydraulic hoses.	248 lb (113 kg)
71486	Hydraulically Limited Cable Puller Motor w/Foot Control Valve and (2) hydraulic hoses for 2-1/2" Square Socket Mount.	200 lb (91 kg)
70487	Stanley Hydraulic Power Unit with (2) hydraulic hoses, 1/2" dia. x 20' ft.	298 lb (135 kg)
37706	Hydraulic Motor Assembly	125 lb (57 kg)
31116	Self-Support Frame	93 lb (42 kg)
37740	Foot Control Valve	54 lb (25 kg)
31219	Vehicle Receiver Mount w/Support Jack (for 2" receiver)	47 lb (22 kg)
31210	Support Jack (replacement for above)	14 lb (6 kg)
30901	Hydraulic hoses (2), 1/2 " dia. x 20' ft.	21 lb (10 kg)

MID-ASSIST FIBER OPTIC CAPSTANS
WITH SLIP CLUTCH

GMP
®
TOOLS BUILT TO GO THE DISTANCE

GMP offers you a choice of several lightweight aluminum alloy units that mount on a standard 2 7/16 in. (62mm) diameter drive shaft with either a bayonet or a cross pin type of connection.

Part No.	Working Diameter	Working Width	Pull	Weight
15472	25"	5"	600 lb	80 lb
15479	25"	5"	1,000 lb	100 lb
15470	25"	5"	*Direct Drive	86 lb
70351	25"	7.5"	600 lb	80 lb
70381	25"	7.5"	750 lb	80 lb
70471	25"	7.5"	1,000 lb	80 lb
70472	25"	7.5"	*Direct Drive	112 lb
71470	25"	7.5"	550 lb	130 lb
71471	25"	7.5"	600 lb	130 lb
71472	25"	7.5"	1,000 lb	130 lb
71474	25"	7.5"	*Direct Drive	110 lb

*= max rated load of 1,500 lb

OPTIONAL ELECTRONIC CONTROL SYSTEM

Part No.	Description
08675920	Electronic Control Boss Kit - Includes Chart Recorder and Load Cell

CALIBRATION DYNAMOMETER

The Condux Fiber Optic Cable Puller is calibrated at the factory prior to shipment. The Calibration Dynamometer is used to check that the puller's calibration has not changed, especially if the relief valve has been adjusted in the field. On cable puller models equipped with an Electronic Control Box, the Calibration Dynamometer simply verified the Readings. Other load capacities available.

Part No.	Description
02261000	1,000 lb (454 kg) Calibration Dynamometer
02261040	4,000 lb (1814 kg) Calibration Dynamometer

FIBER OPTIC MID-ASSIST

The Fiber Optic Mid-Assist is an ideal mid-point cable pulling solution. Portable components set up quickly. Fits in standard 2-1/2" (64 mm) square mounting socket. Capstan and Remote Mounting Stand sold separately.

Part No.	Description
08675975	Remote Mount Mid-Assist

FALCON LASHER
SERIES 61800

The Falcon Lasher is a completely redesigned lasher, incorporating design elements of our previous Eagle, Lineman and Model K Lashers, as well as new design concepts that simplify the lasher to make it more robust and lower maintenance.

This lasher will single or double lash without strand traction. It is also equipped with a clutch handle to allow easy mounting and passing the unit around a pole without cutting the lashing wire or removing it from the drive wheel.

The capacity has been expanded beyond the Lineman™ Lasher and the use of innovative, modern engineering materials makes it lightweight and practical for smaller jobs previously done by the Eagle Lasher.

Weighing in at 20 lb, the Falcon Lasher is lighter than even smaller capacity lashers on the market. Compared to lashers of similar capacity, it weighs less than half the weight of typical lashers.

Magazine style doors provide easy loading of metallic or non-metallic lashing wire. Front and rear rollers made from made from Delrin allow smooth passage of cable and also protect your cable from damage. A simplified rear gate design with quick release mechanism allows for efficient adjustment of the rear roller.

Max. Head	Maximum Strand	Maximum Lash	Wire Size	Spool Size	Overall Dimension	Weight
61700-000	1/2"	3-1/2" dia.	0.038" to 0.061"	1,200' per coil	20"L x11"W x 10"H	21.3 lb

EAGLE LASHER
SERIES 61700

The Eagle Lasher was designed and built to meet the requirements of modern cable lashing jobs. Sized to install CATV or fiber optic cables, it's lightweight, durable and simple. Since its introduction, the design has proven itself on the strand, from the Arctic Circle to Asia Minor.

With a bundle capacity of 2-1/4" or single cable up to 2", the Eagle Lasher will single or double lash most Last Mile or FTTH installations. Careful material selection and precise CNC machining have trimmed the weight of the machine to just 25 lb. -significantly less than other lashers of the size range. The Eagle Lasher also now uses a wire quick release, trigger, mounted below the handle, for easy, on-hand engagement and release continuous lashing and quick transfer time around poles.

Like all the DCD Lashers, the Eagle does not need traction from the strand; it uses the tension from the lashing wire to drive rotation. This lasher uses industry standard straight-hub wire spools that are loaded into a pair of drop down magazine for added convenience. The lasher will also work with standard stainless lashing or non-metallic lashing wire.

Max. Head	Maximum Strand	Maximum Lash	Wire Size	Spool Size	Overall Dimension	Weight
61700-000	3/8"	2-1/4" dia.	0.038" to 0.061"	1,200' per coil	18"L x 18"W x 8"H	24 lb

HALO BRUSH GUARD

Halo Brush guards are designed to sit at the leading edge of your Lineman™ or Eagle Lasher, so that branches and other obstacles are pushed out of the way during lashing and are less likely to be caught up in the entrance of the machine.

61442-000 & 61773-000   61436-000

Max. Head	Description	Overall Dimensions	Weight
61773-000	Halo Ring Guard Kit - Eagle	2"L X 13-3/4"W x 9-1/4"H	5.6 lb
61873-000	Halo Guard Kit - Falcon	2"L X 13-3/4"W x 9-1/4"H	5.6 lb
61436-000	Halo Brush Guard	2-1/2"L x 9-3/4"W x 4-7/16"H	1.6 lb

J2 CABLE LASHER

The Model J2 Cable Lasher is used to lash a single aerial cable or numerous cables to a supporting strand or to an existing lashed cable with stainless steel lashing wire.

• Will lash any single or multiple aerial cables up to 3" (76mm) diameter across on any suspension strand from 1/4: (6mm) to 7/16" (11mm).
• A factory modification will allow the lasher to accommodate 1/2" (12.7mm) strand if necessary
• Each of two recessed magazines will hold a 1,200 ft coil of 0.45" (365mm of 1.1mm wire) lashing wire (or 450 ft of 0.65"). The lashing Wire is fully recessed and covered by a gate
• J2 Lashers make over-lashing easy. Just push down on the strand roller knob, rotate it a quarter turn and you can lash additional cables together on previously lashed cable
• Positive internal gear to gear mechanism has no chains or belts to stretch, slip or break
• Constructed with heat-treated, plated steel, stainless steel, brass and aluminum components. Contains sealed and oil-less bearings to minimize maintenance and assure durability
• The lasher is furnished with a rugged lightweight storage chest with corrosion resistant hardware, recessed latches and a moisture-proof, tongue-in-groove design for maximum protection when not in use

P/N	Description	Weight
86070	J2 Cable Lasher	46 lb (20.9 kg)

C2 CABLE LASHER

Our compact Model C2 Cable Lasher is perfect for lashing smaller diameter aerial cables to supporting strand with stainless steel lashing wire. The new design improvements make the C2 equally suited for new construction or overlashing up to its full 1-7/8" bundle capacity.

• Lashes single or bundled cables up to 1-7/8" (46mm) onto strand sizes 1/4" to 3/8" (6-10mm) diameter
• New style strand lock swings out of the way for unobstructed overlashing
• Simple wire routing yields either "normal" or "loose" wire tension
• Dual wire magazines for loading two coils of stainless steel lashing wire
• Typical wire dimensions: 1,200 ft x 0.45" (365m x 1.1mm) or 1,600 ft x 0.38" (487m x 1mm)
• Lightweight and compact: Unloaded weight 35 lb (16 kg) only 10" O.D. x 18.5" long (25 x 47cm). The C2's tapered housing eases passage through treed areas
• The C2 Cable Lasher is furnished with 6 ft (1.6m) bridle rope with snap hooks, an instruction manual and a rugged, lightweight storage chest.
• Like all GMP Lashers, the C2 is build to last for many years of service
• Components are CNC machined from alloy steel, stainless, bronze and aluminum castings to exacting tolerances and treated to withstand corrosion. Gear drives and sealed bearings assure maximum durability with minimal maintenance.

P/N	Description	Weight
71411	C2 Cable Lasher	35 lb (15.9 kg)

SUPER G CABLE LASHER

The largest of the GMP Lashers, this unit is designed to lash large simple or combinations of aerial cable up to 5" diameter to a supporting strand. Can be used for new installs or with existing cables in place.

- Lashes cable from about 2-1/2" to 5-1/4" outside diameter or multiple cables up to 5-3/4" combined outside diameter
- Lashes on strand from 11/32" to 1/2" diameter with one or two spiral wrappings of 0.61" or 0.65" diameter stainless steel wire
- Nominal spacing between wraps is approximately 18 - 19" (46 to 48cm)
- Parallel-pull capability overcomes most terrain obstacles
- Wire tension constant regardless of amount on spool
- No lasher back roll when pulling force removed
- Front rollers guide cables through the machine
- All smooth edges throughout help protect against cable damage
- Ergonomic design makes it easy to handle
- Each lasher includes a 6 ft. bridle rope assembly with snap hooks, an information and operations manual and heavy duty storage chest

P/N	Description	Weight
10505	Super G Cable Lasher	58 lb (26.3 kg)
70190	Towing Lanyard 35' (10.66m)	6 lb (2.7 kg)

APOLLO CABLE LASHER

Perfect for all telecom cable construction, including coaxial and FTTx cable. With its lightweight and parallel-pull capability, you'll string cable quickly and easily, over all outside plant cable routes. No other lasher or cable spinner will give you all of these advanced features and operating benefits.

- Under 39 lb (17.7 kg) without wire, 12-1/2" (318mm) diameter
- Lashes any telecom cable/inner duct combination up to 4" (10cm) diameter
- Parallel-pull capability overcomes all terrain obstacles
- Interference-free over-lashing with no modifications
- Lashes to strand sizes 1/4" to 3/8" (6-10mm) diameter
- Holds two coils of industry standard wire .045" x 1,200' (1.1mm x 365m) or .038" x 1,600' (1mm x 488m)
- Provides adjustable tension of lashing wire, affording tight or loose lash
- Wire tension constant regardless of amount on spool
- No lasher back-roll when pulling force removed front rollers guide cables through the machine
- All smooth edges throughout provide 360º protection against cable damage
- Manual clutch release allows speedy span transfers
- Each Apollo Lasher includes a 6' (2m) towing bridle and a rugged, weather-tight storage chest to securely protect your lasher investment while it's not in use

P/N	Description	Weight
70400	Apollo Cable Lasher	47 lb (21.3 kg)

SIERRA CABLE LASHER

GMP
TOOLS BUILT TO GO THE DISTANCE

Now you can depend on the same GMP quality as our larger machines in a new smaller package.

• Uses our full-size, industry-standard annealed stainless steel coils of lashing wire available in diameters of -.38" x 1,600' (.97mm x 487m) or .045" x 1,200' (1.14mmx 365m)
• Single lashes cables and wires from drop wire size up to 1.9" (50mm) maximum outside diameter
• Lashes on strand sizes down as small as 3/16" or 5mm in all the way up to 1/2" or 12mm
• This lasher drum makes one revolution for every 13" (33cm) of travel leaving the wire helically wound around the strand/cable(s) bundle creating one support per revolution
• Made from high-quality materials and precision machine must like its bigger brothers, the SIERRA lasher is ideal for lashing smaller wires and cables where a bigger machine is simply to much
• The SIERRA lasher can be pulled equally as easy from below or from directly ahead
• Weighs only 19 lb (8.6 kg) without wire.
• Overall Size 15" x 10" x 10" (38 x 25 x 25cmz)

P/N	Description	Weight
71500	Sierra Cable Lasher	19 lb (8.6 kg)

MODEL Q LASHER
SERIES 61100

DCD Design & Manufacturing Ltd.
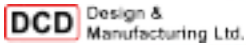
The Model Q hand-type Lasher is made for short span jobs like splicing or repair, traffic light installation, control cables, aerial inserts for underground construction or any job that would be simpler with a hand-held, variable tension lasher.

The Q Lasher adjusts easily accordingly to how you wrap the wire around the tension rollers and is compatible with either .045" or .061" S-type lashing wire.

The rugged body is of cast aluminum with a removable flange for easy loading. Wire tension rollers are of hardened tool steel.

Max. Head	Maximum Strand	Maximum Lash	Wire Size	Spool Size	Overall Dimension	Weight
61100-000	1/2"	1-15/16" dia.	0.045" to 0.061"	225' or 375' per coil	9-1/2"L x 5"W x 3"H	2.0 lb

DCD Design & Manufacturing Ltd.

LASHING WIRE

BUILD IT RIGHT — The right products. The right service.

LASHING WIRE

DCD Design & Manufacturing Ltd.

Halo Brush guards are designed to sit at the leading edge of your Lineman™ or Eagle Lasher, so that branches and other obstacles are pushed out of the way during lashing and are less likely to be caught up in the entrance of the machine.

Straight Hub

Tapered Hub

Disposable Metal Reels

Q-Sized

Non-Metallic Material

Lasher	Type	Part No.	Model	Wire Dia.	Material	Qty. Per Box	Length	Net Box Weight	Total Coil Weight
Falcon Lineman™ Eagle Model S Model K Special K	Straight Hug	61010-020	10A-3A	0.061"	316 Stainless	6	650'	42.0 lb	7.00 lb
		61010-050	13A-3A	0.045"	430 Stainless	6	1,200'	41.0 lb	6.56 lb
		61010-070	26A-3A	0.045"	316 Stainless	6	1,200'	42.0 lb	6.69 lb
		61010-080	27A-3A	0.045"	302 Stainless	6	1,200'	42.0 lb	6.69 lb
	Tapered Hub	61000-050	13A-1A	0.045"	430 Stainless	6	1,200'	41.0 lb	6.56 lb
	Straight Hub	61010-020	10A-3A	0.061"	316 Stainless	6	650'	42.0 lb	7.00 lb
Legacy K Special K	Disposable Metal Reels	61020-010	7AK-1AK	0.091"	Aluminum	5	350'	19.0 lb	3.31 lb
		61020-020	10AK-1AK	0.061"	316 Stainless	5	750'	43.0 lb	8.34 lb
		61020-030	11AK-AK	0.061"	430 Stainless	5	750'	42.0 lb	8.19 lb
		61020-050	13AK-1AK	0.045"	430 Stainless	5	1,400'	43.0 lb	8.31 lb
		61020-060	23ANM-1AK	-	Non-Metallic	5	1,200'	11.0 lb	1.87 lb
Model Q	Q-Sized	61030-010	10AS-1AS	0.061"	316 Stainless	8	225'	20.0 lb	2.30 lb
		61030-020	11AS-1AS	0.061"	430 Stainless	8	225'	20.0 lb	2.26 lb
		61030-030	13AS-1AS	0.045"	430 Stainless	12	375'	18.0 lb	2.05 lb
Straight Hub Modified DD	Non-Metallic	61040-009	-	0.050"	Non-Metallic	6	900'	8.5 lb	0.91 lb

LASHING WIRE

GMP ®
TOOLS BUILT TO GO THE DISTANCE

Stainless Steel Lashing Wire is used in a lasher to lash an aerial cable or combination of cables to a supporting strand.

• A specially controlled annealing process yields a uniform, fine grain structure throughout wire length and cross section for best results
• The GMP Lashing wire is packaged as 6 coils per carton
• Available in 430, 302, and 316 Stainless Steel Alloy

How Much Lashing Wire to Buy?

First Buying Tip!
When estimating the length of lashing wire required for a job, multiply the distance to lash by the following %.

Cable Bundles to 1-1/2: (3.8cm) Add 5%
Cable Bundles from 1-1/2" (3.8-7.6cm) Add 10%
Cables Bundles above 3" (7.6cm) Add 20%

Second Buying Tip!
Double your Quantity when Double Lashing

P/N	Alloy	Diameter (in)	Coil Length (ft)	Coil Length (m)	Coil Weight	Coils per Pkg
71530	430	.045"	1,200	364.8	6.5	6
71532	430	.065"	450	137.2	5.3	6
71533	302	.045"	1,200	365.8	6.3	6
71534	316	.045"	1,200	365.8	6.4	6
71535	302	.038"	1,600	487.7	6.3	6
71541	316	.065"	450	137.2	5.3	6

LASHER ACCESSORY

TOW ROPE

DCD Design & Manufacturing Ltd.
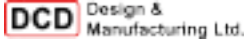
Both the Eagle Lasher and Lineman™ Lasher come standard with a tow rope. However, a replacement can be ordered if required.

Max. Head	Description	Overall Length	Weight
61439-000	Tow Rope (3/8" x 7/16" Hook)	60"	1.0 lb

CABLE PULLING SLED

GMP TOOLS BUILT TO GO THE DISTANCE

The Pulling sled is used for aligning two or three cables in our multiple cable block when pulling overhead cable into position prior to lashing. It incorporates either a 5,000 or 7,500 lb. capacity swivel on the front end and three 5,000 lb. capacity swivels on the back end It is generally used with any conventional winching device. The 22" (56cm) chain provides both alignment and stability.

P/N	Description	Weight
70649	Cable Pulling Sled	15 (7 kg)
70626	Sled with Swivel	20 lb (9 kg)

OVERLASH AERIAL CABLE GUIDE

GMP TOOLS BUILT TO GO THE DISTANCE

The Dual-Lashing Aerial Cable Guide is used to guide and straighten cables as they are pulled into a lashing position from a stationary or moving cable reel.
• This unit offers the versatility of working for new installations or for overlashing cable to existing plant
• Has a 2-3/4" cable capacity
• Cast aluminum show with steel insert on the face provides longer wear life.
• The shoe is suspended on steel straps from two strand rollers with safety lock preventing it from falling from the strand
• All steel frame parts are plated for corrosion resistance

P/N	Description	Weight
08007	Overlash Aerial Cable Guide	11 lb (5 kg)

D LASHING WIRE CLAMP

ALLIED BOLT PRODUCTS, LLC

• All steel clamp securely attaches two lashing wires or a #6 ground wire on 1/4" to 7/16" (6-11mm) strand
• Two grooved plates fit on opposite sides of the strand
• Mechanical galvanized finish provides extra corrosion resistance
• Packages 100 pcs. per box

P/N	Description	Weight
07886	D Lashing Wire Clamp	15 lb (6.8 kg)

E LASHING WIRE CLAMP

ALLIED BOLT PRODUCTS, LLC

• Similar to the D Lashing Wire Clamp, this one-piece stamping is formed to fit on opposite sides of the strand
• Offered in two sizes for standard strand and large strand
• Packages 100 pcs. per box

P/N	Description	Weight
81460	E Lashing Wire Clamp 7/16" (11mm)	11 lb (5.0 kg)
81461	E Lashing Wire Clamp 9/16" (14mm)	11 lb (5.0 kg)

LASHING WIRE GRIP

ALLIED BOLT PRODUCTS, LLC

• Used to temporarily secure lashing wire under tension prior to placing a permanent D or E
• Designed with single-groove to accommodate any size strand

P/N	Description	Weight
08605	Lashing Wire Grip	10 oz. (0.3 kg)

LASHING WIRE GRIP

• Grip works with any size lashing wire
• Just squeeze the handles together, and the grip automatically locks in place on the wire and strand

P/N	Description	Weight
01384	Speedigrip Lashing Wire Grip	1 lb 4 oz. (.56 kg)

F-CABLE BLOCK

GMP ®
TOOLS BUILT TO GO THE DISTANCE

- This block is similar to the D-Cable Block, but is also used for overlashing cables up to 2-3/4" (70mm) in diameter
- Optional spring loaded keeper available to keep lighter cables on the roller for the highest level of cable security
- Steel inserts on the underside of each strand hook provide smoother sliding during lashing and less wear
- Bi-Directional cam keeps block "locked" on strand during pull-out, but will slide with lasher during lashing operation

P/N	Description	Weight
08093	F-Cable Block	3.8 lb (1.7 kg)

D-CABLE BLOCK

GMP ®
TOOLS BUILT TO GO THE DISTANCE

- Used on 1/4" to 3/8" (6-10mm) strand and can support a single cable up to 2-3/4" (70mm) in diameter.
- Steel inserts on the underside of each strand hook provide smoother sliding during lashing and less wear
- Bi-Directional cam keeps block "locked" on strand during pull-out, but will slide with lasher during lashing operation

P/N	Description	Weight
72680	D-Cable Block	3.8 lb (1.7 kg)

G-CABLE BLOCK

GMP ®
TOOLS BUILT TO GO THE DISTANCE

- This block is functionally similar to our D-Cable Block. This larger tool can be used with the G-Cable Lasher to handle cable up to 5" (127mm) and features strand hooks to accommodate 3/8" - 3/4" (10-19mm) diameter strand
- This heavy duty block is made from 100% heat treated aluminum alloy
- Contains two vertical side rollers in addition to the cable sheave to minimize cable friction during pulling in

P/N	Description	Weight
01051	G-Cable Block	6 lb (3 kg)

UNIVERSAL HD CABLE BLOCK PUSHER

GMP ®
TOOLS BUILT TO GO THE DISTANCE

- This simple tool makes the lashing process smoother by maintaining the proper cable lead between the lasher and cable block
- The slotted tube has rotatable sleeves at each end to lock the unit on the strand.
- Standard length 24" (61cm)

P/N	Description	Weight
70018	Universal HD Cable Block Pusher	2.4 lb (1.1 kg)

FIXED HINGE CABLE BLOCK

GMP®
TOOLS BUILT TO GO THE DISTANCE

- Used as a stationary block during the pulling in of heavy duty cable up to 6" Dia
- A 7/8" hex actuates a screw vise to grip the strand and keep the block in a stationary position
- Available for strand sizes 3/8" to 9/16" (10-14mm)
- Capacity for up to 6" (152mm) diameter cable and safe working load of 2,000 lb (900 kg)
- After cable and support rings are in place, the block hinges open at one side for removal

P/N	Description	Weight
70430	Fixed Hinge Cable Block	11 lb (5 kg)

3 ROLLER STARTER BLOCK

GMP®
TOOLS BUILT TO GO THE DISTANCE

- Used as a starter block during the pulling in of heavy duty cable up to 6" (152mm) diameter as it is pulled from a stationary or moving cable reel.
- Has three rollers that guide the cable with minimal friction.
- Designed for use with larger cables up to 6" (152mm) diameter i.e. 750 MCM Tri-Plex conductors
- Has a heavy duty aluminum frame with stainless hardware
- A 7/8" hex actuates a screw vise to grip 3 Roller Starer Block the strand and keep the block in a stationary position
- Can be used on strand sizes 3/8" to 9/16" (10-14mm)
- Capacity for up to 6" (152mm) diameter cable and safe working load of up to 2,000 lb (900 kg).

P/N	Description	Weight
75268	3 Roller Starter Block	36 lb (16 kg)

MULTI-ANGLE CABLE BLOCKS

GMP®
TOOLS BUILT TO GO THE DISTANCE

The Multi-Angle Cable Block adjusts itself to a bending radius from 12" (305mm) maximum down to a straight line to reduce friction when pulling cables around a corner. The pole-mounted aerial block is used in stringing applications that call for placing lashed or single mode cables up to 5" (127mm) in diameter, such as 3 bundled 750 MCM cables or equal.

- All aluminum, heavy-duty construction
- Attaches to a pole with an inclusive, steel chain binder

P/N	Description	Weight
71543	Multi-Angle Cable Block	63 lb (29 kg)

MULTI-SHEAVE CABLE BLOCKS

Heavy duty Multiple sheave Cable Blocks are used to simultaneously support two, three, or four cables prior to lashing to a supporting suspension strand.
• The three sheave multiple cable block can keep up to three 2-1/2" (63mm) diameter or smaller cables separate until you're ready for lashing to the messenger
• The three sheave block is ideal for tri-plexing cables in the electrical industry; that is lashing up to three 750 MCM cables together to a supporting strand
• Parts are available for end user replacement
All the GMP Multiple Cable Blocks feature heat treated aluminum alloy frame and sheave, with Oilite bearings on the sheave and steel inserts on the strand hooks for easier movement. A bi-directional lever operated cam locks the block in place during pulling in, then automatically releases during lashing.

P/N	Description	Weight
10553	3 Sheave Block	15 lb (7 kg)

ROLLER TYPE AERIAL CABLE GUIDE

The Roller Type Aerial Cable Guide is used to guide and straighten cables as they are pulled into a lashing position from a stationary or moving cable reel.
• With its three sheaves to guide cable with minimum friction, this is the best tool you can use when handling especially heavy cable, or when using an aerial basket for "drive-off" lashing
• The guide rides along the strand on a roller bearing for smooth movement
• A built in grip prevents back rolling during span transfers
• Also included with the guide is a safety chain to prevent the guide from coming off the star
You can connect the Three Roller Cable Guide to the front of a J2 Lasher* equipped with a Hitch Weldment , or to a F, J or J2 Lasher with a Hitch Field Kit. Guide attaches to front of J2 Lasher gear housing via an optional hitch weldment affixed to the lasher.

P/N	Description	Weight
91604	Three Roller Overhead Cable Guide for 2-3/4" Cable	30 lb (14 kg)
91605	Three Roller Overhead Cable Guide for 4" Cable or bundles to 4"	30 lb (14 kg)

90° 3 ROLLER INSIDE CORNER CABLE GUIDE

Often called the "Banana Bar", this guide consists of a curved steel frame that accommodates five 3 roller cable blocks that clamp to the frame. Each block can handle up to three 2-1/2" (64mm) diameter cables.
Each end of the frame clamps onto the strand at either side of the pole. An eye bolt in the center of the frame allows for the securing of the frame to the pole. This 90° guide has a cable bending radius of 25" (625mm) All attaching screw vise clamps accept a 1" (25mm) lag wrench. The unit is painted safety yellow.

P/N	Description	Weight
71563	Guide, complete with blocks	110 lb (50 kg)
28249	Replacement block only	15 lb (7 kg)

CABLE GUIDES & BLOCKS

BUILD IT RIGHT
The right products. The right service.

SINGLE ROW CORNER BLOCKS

JAMESON®

P/N	Description
80-591	90 Degree, Single Nylon Rollers
80-161	60 Degree, Single Nylon Rollers
80-591-A	90 Degree, Single Aluminum Rollers
80-161-A	90 Degree, Single Aluminum Rollers

DUAL ROW CORNER BLOCKS

JAMESON®

P/N	Description
80-592	90 Degree, Dual Nylon Rollers
80-162	60 Degree, Dual Nylon Rollers

QUAD ROW CORNER BLOCKS

JAMESON®

P/N	Description
80-594	90 Degree, Dual Nylon Rollers
80-165	60 Degree, Dual Nylon Rollers

3" RUBBER ROLLER

JAMESON®

P/N	Description
80-691	Corner Block with 3" Rubber Rollers; Maximum cable dia. 1.5"

BUILD IT RIGHT
The right products. The right service.

EASY RIDER™ OVERLASH BLOCKS

JAMESON

Jameson overlash blocks are economical and lightweight yet the high strength steel frame maintains cable alignment. Easily snaps over a strand and cable package up to 2.25" diameter. This provides convenient stacking when pushed by lasher.

Features a high, rounded bonnet to prevent block kicking under lasher. Stacks evenly. Non-binding roller axle allows rollers to "ride easily" and rotate smoothly.

Maximum cable diameter .75"

| 90-400 | 90-400A | 90-413 | 90-421 |

P/N	Description
90-400A	Easy Rider™ with Aluminum Roller
90-400A-R	
90-400	Easy Rider ™ with Nylon Roller
90-400-R	
90-413	Easy Rider™ - XL Stringing Block with Nylon Roller
90-421	Easy Rider™ - DBL Stringing Block with Nylon Roller

POLE MOUNT BRACKETS

JAMESON

Designed to save vertical space on crowded joint occupied poles, brackets are ideal for mounting corner blocks. Nylon strap and ratchet make brackets easy to use and bracket is contoured to fit pole for maximum stability. Ratchet strap will not damage existing cables and weighs less than chain straps. Can be adjusted to work from right or left hand side for convenient operation.

P/N	Description
70-101	Use With Single Row Corner Block

P/N	Description
70-102	Use With Dual Row Corner Block

P/N	Description
70-104	Use With Quad Row Corner Block

VERSA BLOCKS

BUILD IT RIGHT
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VERSA ™ BLOCKS

JAMESON®

Versa™ Blocks offer the versatility of stringing cable at midspan on new and existing overlash construction. Offers easy cable placement from aerial buckets or the ground when used with Jameson Lay-Up sticks and wire raising tool. Low profile frame reduces cable damage as it passes through block and wide keeper arm accommodates large cable bundles when used as overlash block.

90-100

90-100A

Part No.	Description
90-100	Easy Rider™ with Aluminum Roller. For up to 1.5" dia. cables
90-100A	Versa™ Block with Aluminum Roller. For up 2.5" dia. cables or bundles and winch lines

TELESCOPING MEASURING POLES

JAMESON®

Fiberglass poles offer fast, accurate one-person measuring of height clearances and horizontal distances. All measuring poles includes carry bag and removable aluminum hook accessory. Ideal for overhead telecommunication lines, railroad, CATV, bridges and structures.

Round Measuring Pole

Oval Measuring Pole

All measuring poles include carrying bag and removable hook

Note: Poles are not certified as hot sticks and should not be used in the performance of live line work.

Part No.	Retracted Length	Description
TP-125M	52"	25' Round Telescoping Measuring Pole, 5 lb, English & Metric
TP-136M	59"	35" Round Telescoping Measuring Pole, 7 lb, English & Metric
TP-125N	58"	25' Oval Telescoping Measuring Pole, 5 lb, English Measure Only. Oval for easy grip.
TP-25HK	-	Aluminum Replacement Hook for Measuring Pole

SHV-24

SHV-8

AERIAL BUDDY® FIBER OPTIC SHEAVE

JAMESON.

- Spring loaded cable guard (patented) eliminates delays cause by cable and pull tape derailing. 2" Opening allows pulling grips to pass through easily
- Lightweight, reinforced polymer weighs significantly less than aluminum and steel models. Reduces installation fatigue, one-man set up
- Easy latching mechanism for single-handed operation
- High strength, impact resistant unit constructions for longer life
- Electrically insulated* for safety
- Lift hoist swivels 360º and rotates 180º for unrestricted mounting and maneuverability

* 100 KV/Ft Dielectric Withstand Stainless Steel Fasteners

- *Cable and Pull Tape Stay on Wheel*
- *Levels Itself, Strapping Optional*
- *Lightweight*
- *24" Model Weighs 40% Less than Lightest Aluminum Model*

Specifications	
24" Aerial Sheave	
Weight	14 lb (6.35 kg)
Maximum Load Rate	1,600 lb

Specifications	
8" Aerial Sheave	
Weight	8 lb (3.63 kg)
Maximum Load Rate	1,600 lb

Part No.	Description
SHV-24-KIT	24" Fiber Install Sheave with SHV-HK Slip Hook, For Set Up, Take Down, Turns
SHV-24	24" Fiber Install Sheave, For Set Up, Take Down, Turns
SHV-8-KIT	8" Fiber Install Sheave with SHV-HK Slip Hook, For Straight Pulls
SHV-8	8" Fiber Install Sheave, For Straight Pulls
SHV-HK	Slip Hook Accessory, Sold Separately
SHV-SS	Safety Shackle Accessory, Sold Separately

24" Aerial Sheave Parts	
Part No.	**Description**
524-FLR	Full Leg Replacement with Hardware
324-CC	Cable Capture Kit (Locking Nut, Cable Capture, Spring, Guide Rod)
324-LL	Lower Leg and Latch Arm
324-WR	Wheel Assembly (Wheel, Axle, Bearings, Screws, Washers

8" Aerial Sheave Parts	
Part No.	**Description**
508-FLR	Full Leg Replacement with Hardware
508-CC	Cable Capture Kit (Locking Nut, Cable Capture, Spring, Guide Rod
508-LL	Lower Leg and Latch Arm
508-WR	Wheel Assembly (Wheel, Axle, Bearings, Screws, Washers

8" & 24" Aerial Sheave Parts	
Part No.	**Description**
SHV-HRR	Hoist Ring Kit
SHV-LR	Latch Kit
SHV-ULA	Upper Leg Assembly

SHV-HK   SHV-SS

BUILD IT RIGHT
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RIPLEY®
Cablematic

QCST SERIES
Quick-Change Coring, Stripping & Chamfering Tool

- All-in-one tool quickly strips the jacket, bevels the aluminum sheath & cores the dielectric on trunk in one precise operation with its replaceable heat-treated sheath cutting blade
- Conveniently attaches the QJST Series jacket stripper body to the main coring & stripping tool body with a quick-change rotating body ring design
- Durable, all-metal construction with color-coded body & guide sleeves provide easy identification

- Chamfered strip stop is factory-set with a 1" (25.4 mm) strip length for 412 through 750 cable sizes or a 1 1/16" (27 mm) strip length for 840 through 1160 cable sizes
- Standard models feature a "T" handle with a built-in 3/8" drill adapter & ratchet models feature a ratchet "T" handle with a separate 3/" drill adapter for manual or drill operations
- U.S. Patent No. D431,441

Cable Size	Cable Compatibility Commscope® P3	Times Fiber TX	Times Fiber T10	"T" Handle	Model	Part No.	Body Color	Guide Sleeve Part No.	Coring Bit Kit Model/Part No.		Chamfered Strip Stop Part No.	Blade Model/Part No.		Length	Weight
412	•		•	Standard	QCST 412T	36890	Black	29104	CB 114K	31220					
				Ratchet	QCST 412T-R	36900									
500	•		•	Standard	QCST 500T	36891	Red	29105	CB 115K	31320	34942				
				Rachet	QCST 500T-R	36901									
565	•	•		Standard	QCST 565	36894	Red	29108	CB 146K	31325					
				Ratchet	QCST 565-R	36904									
625	•		•	Standard	QCST 625T	36892	Blue	29106	CB 116K	31420					
				Ratchet	QCST 625T-R	36902									
700	•	•		Standard	QCST 700	36895	Blue	33847	CB 137K	33858	34943	CB60	14907	8.1" (206 mm)	1 lb 4 0z
				Ratchet	QCST 700-R	36905									
750	•		•	Standard	QCST 750T	36893	Green	29111	CB 117K	31520					
				Ratchet	QCST 750T-R	36903									
840	•	•		Standard	QCST 840	36896	Green	29109	CB 138K	31531					
				Ratchet	QCST 840-R	36906									
875	•		•	Standard	QCST 875T	36897	Yellow	29112	CB 118K	31620	34927				
				Ratchet	QCST 875T-R	36907									
1,000	•		•	Standard	QCST 21000T	36898	Orange	29113	CB 119K	31720					
				Ratchet	QCST 21000T-R	36908									
1,160	•	•		Standard	QCST 21160	36899	Silver	33837	CB 158K	32385	34927	CB 26	14403		
				Ratchet	QCST 21160-R	36909									

RIPLEY®
Cablematic
CABLE PREPARATION TOOLS

RIPLEY®
Cablematic

QRT SERIES
Coaxial Coring & Stripping Tool

- Kits include JST-QR Series jacket stripping tool & CST-QR Series coring/stripping tool where the JST-QR conveniently snaps into the CST-QR for easy storage
- Heat-treated sheath cutting blade produces a smooth, beveled edge & can be replaced

- Standard models feature a "T" handle with a built-in 3/8" drill adapter & ratchet models feature a ratchet "T" handle with a separate 3/8" drill adapter for manual or drill operations

Cable Size	Handle	Drill Adapter	Model	Part No.	Coring Bit Kit Model/Part No.		Guide Sleeve Part No	Blade Model/Part No.		Length	Weight
320 (7 mm)	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 320	35142	CB146K	35148	35144				
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 320-R	35145							
500	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 500	34640	CB130K	33378	33404				
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 500-R	33505							
540	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 540	34641	CG143K	33668	33787				
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 540-R	33508							
715	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 715	34660	CB159K	34664	34663	CB60	14907	2.63" (67 mm)	6 oz
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 715-R	34665							
860	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 860	34642	CB127K	33376	33371				
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 860-R	33510							
1125	Standard "T"	Built-In 3/8" (9.5 mm)	QRT 1125	34643	CB145K	33678	No Sleeve Required				
	Ratchet "T"	Separate 3/8" (9.5 mm)	QRT 1125-R	33512							

JCST-QR SERIES
Coaxial Coring & Stripping Tool

- Designed to simultaneously strip the jacket, core the dielectric, strip the aluminum sheath & trim the conductor to the proper length in one quick operation
- Replaceable heat-treated sheath cutting blade produces a smooth, beveled edge

- Standard models feature a "T" handle with a built-in 3/8" drill adapter & ratchet models feature a ratchet "T" handle with a separate 3/8" drill adapter for manual or drill operations
- Durable, all-metal construction

Cable Size	Handle	Drill Adapter	Model	Part No.	Coring Bit Kit Model/Part No.		Jacket Blade Model/Part No.		Blade Model/Part No.		Length	Weight
320 (7 mm)	Standard "T"	Built-In 3/8" (9.5 mm)	JCST 7MMQR	36515	CB164K	35148						
	Ratchet "T"	Separate 3/8" (9.5 mm)	JCST 7MMQR-R	36517								
540	Standard "T"	Built-In 3/8" (9.5 mm)	JCST 540QR	36520	CB143K							
	Ratchet "T"	Separate 3/8" (9.5 mm)	JCST 540QR-R	36523		33668	6667H	19212	CB 60	14902	7.5" (190.5 mm)	1 lb 8 oz
715	Standard "T"	Built-In 3/8" (9.5 mm)	JCST 715QR	36525	CB159K	34664						
	Ratchet "T"	Separate 3/8" (9.5 mm)	JCST 715QR-R	36538								
860	Standard "T"	Built-In 3/8" (9.5 mm)	JCST 860QR	36530	CB127K	33376						
	Ratchet "T"	Separate 3/8" (9.5 mm)	JCST 860QR-R	36533								

Custom JCST-QR Guide

Connector Manufacturer	Cable Size	Model	Part No.	Coring Bit Kit Model/Part No.		Jacket blade Model/Part No.		Sheath Blade Model/Part No.		Length	Weight
Commscope® (Trilogy)*	500	JCST 05TI	35103	CB 132K	33752	6667H	19212	CB60	14902	7.5" (190.5 MM)	1 lb 8 oz
	700	JCST 97TI	35109	CB 134K	33762						

CORING & STRIPPING TOOLS

BUILD IT RIGHT — The right products. The right service.

RIPLEY®
Cablematic

CST MC SERIES
CommScope® MC² Cable Coring, Stripping & Chamfering Tool

- Combination tool quickly strips the sheath & cores the dielectric on Commscope® (Trilogy) MC2 cables in one precise operation
- Durable, all-metal construction with white guide sleeves & double helix coring bit designed for fast & accurate operations on polyethylene disc/air dielectric cable

- Standard models feature a "T" handle with a built-in 3/8" drill adapter & ratchet models feature a ratchet "T" handle with a separate 3ter for manual or drill operations
- Replaceable heat-treated sheath cutting blade

Cable Manufacturer/Type		Cable Size	"T" Handle	Model	Part No.	Coring Bit Kit Model/Part No.		Guide Sleeve Color/Part No		Blade Model/Part No.		Length	Weight
CommScope®	(Trilogy) MC² Cables	500	Standard	CST 500MC	**33895**	CB 132K	**33752**	White	**33771-2**	CB 60	**14907**	8.38" (213 mm)	1 lb
			Ratchet	CST 500MC-R	**33796**								
		650	Standard	CST 650MC	**33900**	CB 133K	**33757**	White	**33771-3**				
			Ratchet	CST 650MC-R	**33797**								
		750	Standard	CST 700MC	**33905**	CB134K	**33762**	White	**33771-4**				
			Ratchet	CST 700MC-R	**33798**								

CST 320/7C SERIES
CommScope® QR Cable Coring, Stripping & Chamfering Tool

- Designed to strip the jacket & core the dielectric on MDU 320 Commscope® Quantum Reach (QR) cables
- U.S. Patent No. D515,901S

- Durable, all-metal construction, as well as heattreated coring bits & easily replaced sheath cutting blades ensure longevity

Cable Compatibility		Connector Compatiblity		Model	Part No.	Coring Bit Kit Model/Part No.		Replacement Blade Model/Part No.		Conductor Cleaning Kit Blade Model/Part No.		Length	Weight
Manufacturer	Type	Manufacturer	Type										
CommScope®	MDU 320 Quantum Reach	Corning Gilbert	UltraSeal® QR	CST 320/TC	**36760**	CB216	**36762**	CB 60	**14907**	CC-320QRF	**36766**	5" (127 mm)	8 oz
			GAF-360-320										
		PCT	DRS 320 QR										
		PPC	EX320 QR										
		Belden	Snap-N-Seal®										

CST LMR
LMR QR Cable Coring, Stripping & Chamfering Tool

- Two-step combination tool quickly prepares various standard Times Microwave LMR coax cables for crimp (EZ) & clamp-type (C) connectors
- Models are available with a built-in deburring tool

Cable Manufacturer	Cable Type	Cable Size	Model	Built-In Debur	Replacement Blade Set	Length	Weight
Times Microwave	LMR Coax Cables	195/200	CST 195/200 LMR	N/A	14907	4"	3.5 oz
		240	CST 240 LMR				
		300	CST 300 LMR				
		400	CST 400 LMR				
		500	CST 500 LMR	.			
		600	CST 600 LMR				

RIPLEY®

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CST SERIES
Coring, Stripping & Chamfering Tool

- Combination tool quickly strips the sheath & cores the dielectric on cables in one precise operation with its replaceable heat-treated sheath cutting blade to produce a smooth, beveled edge
- Durable, all-metal construction with color-coded guide sleeves provide easy identification

- Standard models feature a "T" handle with a built-in 3/8" drill adapter & ratchet models feature a ratchet "T" handle with a separate 3/8" drill adapter for manual or drill operations
- Strip stops are available for strip lengths from 0.5" to 2" (12.7 to 50.8 mm)

Cable Size	Cable Compatibility					"T" Handle	Model	Part No.	Coring Bit Kit Model/Part No.		Guide Sleeve Color/Part No.		Blade Model/Part No.		Length	Weight
	Commscope® P3	TX	Times Fiber T10	T10 20/22/50 Ω	Alcatel Benelux/ ACE/ACw											
412	•		•		•	Standard	CST 412	**31810**	CB 114K	**31220**	Black	**29104**				
						Ratchet	CST 412T-R	**31850**								
500	•		•		•	Standard	CST 500	**31910**	CB 115K	**31320**	Red	**29105**				
						Rachet	CST 500T-R	**31950**								
565	•	•				Standard	CST 565TX	**31985**	CB 146K	**31325**	Red	**29108**				
						Ratchet	CST 565TX-R	**31990**								
625	•		•		•	Standard	CST 625	**32010**	CB 116K	**31420**						
						Ratchet	CST 625-R	**32050**								
625/PF	•			• *		Standard	CST 625PF	**36058**	CB 201K	**36057**	Blue	**29106**	CB 60	**14907**		
						Ratchet	CST 625PF-R	**36055**								
625/20	•		•			Standard	CST 625/20	**36095**	CB 203K	**36097**						
						Ratchet	CST 625/20-R	**36098**								
625/50	•		•			Standard	CST 625/50	**35945**	CB 200K	**35947**					6.88"	13 OZ
						Ratchet	CST 625/50-R	**35944**								
700	•	•				Standard	CST 700TX	**33863**	CB 137K	**33858**	Black	**33847**				
						Ratchet	CST 700TX-R	**33855**								
750	•		•		•	Standard	CST 750	**32110**	CB 117K	**31520**	Green	**29111**				
						Ratchet	CST 750-R	**32150**								
840	•	•				Standard	CST 840TX	**32180**	CB 138K	**31531**	Green	**29109**				
						Ratchet	CST840TX-R	**32185**								
875	•		•		•	Standard	CST 875	**32210**	CB 118K	**31620**	Yellow	**29112**	CB 60	**14907**		
						Ratchet	CST 875-R	**32250**								
1,000	•		•		•	Standard	CST 21000	**32320**	CB 119K	**31720**	Orange	**29113**				
						Ratchet	CST 21000-R	**32330**								
1,160	•	•				Standard	CST 21160TX	**32380**	CB 158K	**31385**	Silver	**33837**	CB 26	**14403**		
						Ratchet	CST 21160TX-R	**32390**								

*CST 625PF model is compatible with Commscope® PowerFeeder & Times Fiber T10 Power 22 ohm cables.

CST Series Strip Stops

Strip Length	Part No.	Strip Length	Part No.	Strip Length	Part No.	Strip Length	Part No.	Strip Length	Part No.
1/2"	**32974**	7/8"	**32977**	1-1/2"	**33973**	1-7/16"	**32957**	2"	**33962**
5/8"	**32975**	15/16"	**32978**	1-3/16"	**32986**	1-1/2"	**32982**		
3/4"	**32985**	1"	**32980**	1-1/4"	**32983**	1-9/16"	**33959**		
13/16"	**33958**	1-1/2"	**32979**	1-3/8"	**32981**	1-3/4"	**33967**		

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SMART STRIP SERIES
Data Cable Jacket Stripper

- Versatile & compact tool accurately strips all types of standard insulation on UTP & STP data network cables, as well as delicate & shielded multi-core cables

- Spring-loaded action & cutting depth adjustment provides precise cutting depths from 0.03" to 0.039" (0.75 to 10 mm) on standard insulated wire & cables produces a smooth, beveled edge

Model	Part No	Cable Compatibility	Stripping Depth	Stripping Material	Length	Weight
Smart-Strip	39470	UTP & STP Network; Shielded Multi-Core	0.03" - 0.39" (0.75 - 10 mm)	Standard Insulation	3.9" (97 mm)	1.4 oz

JST SERIES
Coaxial Cable Jacket Stripper

- Fast & efficient stripping tool for removing jackets from trunk & distribution coaxial cables with a knurled body to provide a sturdy grip with greater leverage. Color-coded & easily identifiable anodized bodies

JST 750   JST 875   JST 500   JST 625

			CommScope®						Times Fiber				ALCATEL/ BENELUX ACE	Model	Part No.	Color	Blade Model/Part No.	Length	Weight
Cable Size	P3	P1/P2	P3/ JCASP	P3 THICK	QR*	CABLE GUARD	MC	T10	TX	T4	T10/ BF	T10 THICK							
Standard Models																			
412	•							•						JST 412	11900	Black	CB 6667H	19212	2.63" (67 mm)	6 oz
500	•							•						JST 500	12500	Red				
							•							JST 500MC	33780	-				
565	•							•						JST 565	32400	Red				
625	•							•						JST 625	28900	Blue				
650							•							JST 650MCM	33820	-				
700	•							•						JST 700	33865	Black				
750	•							•						JST 750	12600	Green				
							•							JST 750MC	33790	-				
840	•							•						JST 840	33870	Green				
875	•							•						JST 875	21500	Yellow				
1,000	•							•						JST 1,000	21000	Orange				
1,160	•							•						JST 1,160	33875	Silver				
Custom Models																			
412		•							•				•	JST 412X	37850	-	CB 6667H	19212	2.63" (67 mm)	6 oz
			•									•		JST 412 TFC JBX	36100-108	-				
500		•							•				•	JST 500X	37855	-				
						•								JST 500CG	34175	-				
			•									•		JST 500 TFCJBX	36100-109	-				
			•								•			JST 10-600-40	35137	-				
540					•									JST 540 QR	33955	-				
						•								JST 565CG	37805	-				
565			•										•	ST 565 TXJBX	36100-110	-				
625		•							•				•	JST 625X	37860	-				
						•								JST 625CG	34180	-				
			•									•		JST 625 TFC JBX	36100-111	-				
			•								•			JST 10-72540	35135	-				
700						•								JST 700CG	37810	-				
			•									•		JST 700 TXJBX	36100-112	-				
715					•									JST 715 QR	34670	-				
750		•							•				•	JST 750X	37865	-				
						•								JST 750CG	34185	-				
			•									•		JST 750 TFCJBX	36100-113	-				
			•								•			JST 11-85040	35136	-				
840			•										•	JST 840 TXJBX	36100-114	-				
860					•									JST 860 QR	33385	-				
875		•							•				•	JST 875X	37870	-				
						•								JST 875CG	34805	-				
			•									•		JST 875 TFJBX	36100-115	-				
1,100		•							•				•	JST 1000X	37875	-				
			•									•		JST 1000 TFCJBX	36100-116	-				
1,160			•										•	JST 1160 TXJBX	12300-029	-				

BUILD IT RIGHT
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RIPLEY®
Cablematic

SLT SERIES
Adjustable Broadband Cable Stripping & Chamfering Tool

- Rugged, all-metal precision two-step preparation tool exposes the center conductor from 10 to 20 mm & the braid from 10 to 25 mm on Slimline, F, FB & 2.2/9.3 FPE cables

- Adjustable strip stop covers a wide range of compatible conductors
- Convenient built-in center conductor strip stop

ø Over Jacket (DOJ)	ø Over Dielectric (DOD)	Inner Cord (IC)	Cable Manufacturer	Cable Type	Model	Part No.	Color	Length	Weight
	7.0 mm	1.7 mm	CommScope®	Coax 6 CL (1.7/7.0/10.5)					
10.5 mm	7.0 mm	1.7 mm	TKF / AEG	Coax 6 Bamboo (1.6/7.2/10.5)	SLT 10.5	38405	Yellow		
			Draka	Coax 6 CT15A, CT16S, CT17S					
	7.1 mm	1.7 mm	Bedea	iKx (1.7/7.1/10.5)					
11.0 mm	7.3 mm	1.7 mm	Bedea a.o.	1 iKx (1.1/7.3/11.0)	SLT 11	38610	Purple		
11.3 mm	7.6 mm	1.6 mm	Belden / CDT	Coax 6 FB11 (1.6/7.55/11.3)					
			CommScope®	1 nKx Bamboo (2.2/8.8/12.5)					
12.3 mm	8.8 mm	2.2 mm		A-2YOK2Y 1x(2.2/8.8)KxLg					
			Draka	Coax 4 CT 22S (2.2/8.8/12.3)					
				Coax 4 CT 22A (2.2/8.8/12.3)					
			Draka	Coax 4 CT 22A (2.2/9.3/12.5)	SLT 12.5	37280	Red		
				Coax 4 CT 22E (2.2/9.3/12.5)					
12.5 mm	8.8 mm	2.2 mm	AEG	AEG 2.2/8.8/12.5					
			Bedea a.o.	1 nKx Bamboo (2.2/8.8/12.5)					
			Bedea	A-2YOK2Y 1x(2.2/8.8)KxLg					
	9.1 mm	2.0 mm	CommScope®	HF-75TS					
13.6 mm	10.2 mm	2.2 mm	Draka	Coax 4 CT22A (2.2/10.2/13.6)					
		2.3 mm	Beta Cavi	Coax 4 (2.2/10.2/13.6)	SLT 14	37275	Silver		
13.8 mm	10.2 mm	2.2 mm	Belden/CDT	Coax 4 FB14 (2.2/10.2/13.8)					
				Coax 4 F14 (2.2/10.2/13.8)					
14.3 mm	10.9 mm	2.7 mm	Eupen	7118 (Corrugated Copper)	SLT 14.5	42550	Bronze		
14.5 mm	10.9 mm	2.7 mm	CommScope®	CA 514					
16.5 mm	13.1 mm	2.5 mm	NK Cables	Tellu 5	SLT 16.5	43215	Green	8.625" (219 mm)	1 lb 13 oz (817 g)
			CommScope®	1qKx (Bamboo 3.3/13.5/17.0)					
17.0 mm	13.5 mm	3.3 mm	Draka/Bedea a.o.	1(q)Kx (Bamboo 3.3/13.5/17.0)					
			Bedea	A-2YOK2Y 1x(3.3/13.5) KxLg	SLT 17	38365	Blue		
			CommScope®	A-2YOK2Y 1x(3.3/13.5) KxLg					
17.1 mm	13.5 mm	3.3 mm	Draka	Coax 3 CT 33A (3.3/13.5/17.1)					
			Draka	Coax 3 CT 33S (3.3/13.3/17.1)					
			TKF / AEG	Coax 3 Bamboo					
17.5 mm	13.5 mm	3.3 mm	Bedea	Tellas 3.3/13.5 /17.5	SLT 17.7	38400	Orange		
17.7 mm	13.5 mm	3.3 mm	CommScope®	Coax 3 CL 3.3/13.5/17.7					
19.3 mm	14.5 mm	3.5 mm	Draka	Coax 3 CT 33A (3.45/14.9/19.3)					
	14.9 mm	3.5 mm	Draka	Coax 3 CT 33E (3.45/14.9/19.3)					
	14.5 mm	3.5 mm	Cavel	Coax 3 34/145	SLT 20	37270	Black		
19.8 mm			Belden/CDT	Coax 3 FB20 (3.4/14.9/19.8)					
	14.9 mm	3.4 mm		Coax 3 F20 (3.4/14.9/19.8)					
			Beta Cavi	Coax 3 34/145 (3.4/14.5/19.8)					
21.6 mm	16.5 mm	3.4 mm	Belden/CDT	Coax 3 FB21 (3.4/16.5/21.6)	SLT 21	38605	Bronze		
23.1 mm	19.1 mm	4.2 mm	NK Cables	Tellu 3	SLT 23	43210	Lt. Blue		
16.0 mm	12.4 mm	3.1 mm	Eupen	7128 (Corrugated Copper)	SLT 12-75	42620	Lt. Blue		
			CommScope®	CA 516					
11.5 mm	8.3 mm	2.0 mm	Eupen	7088, 7082, 7081 (Corrugated)	SLT 38-75	42445	Purple		
			CommScope®	CA 511 J					
19.8 mm	16.0 mm	3.9 mm	Eupen	7168, 7162 (Corrugated)	SLT 58-75	42245	Lt. Gray		
20.1 mm	15.6 mm	3.9 mm	CommScope®	CA 519					

SLT Series Accessories

Accessory Description	Part No
Ringing Knife Assembly	11001
CB35 Replacement Blade	11013

Accessory Description	Part No
CB35 Replacement Blade (Pack of 10)	11002
CB6667H Replacement Blade	19212

Accessory Description	Part No
Chamfer Strip Stop (SLT 10.5/SLT 11/SLT 38-75 Only)	42010
SLT Chamfer Strip Stop	42015

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MSES-50 SERIES
Wireless 50 Ohm Cable Mid-Span & End Stripper

• Self-feeding tool is designed to efficiently strip the jackets on the mid-span & end of wireless 50 ohm coaxial cable to any length without damaging the conductor
• Suitable for cable diameters from 1/2" to 1.7" (12.7 to 43.18 mm)

• Features a spring-loaded locking bolt that opens the tool in half for quick & easy cable positioning
• Equipped with a convenient pull ring that easily attaches to tool belts & pouches for quick access

50 OHM Cable Type	Cable Size	Model	Part No.	Replacement Blades Model/Part No.		Body Color	Length	Weight
Andrew/Eupen/NK/RFS	1/2" (12.70 mm)	MSES-12-50	**36812**	CB 223	**37111**	Blue		
	7/8" (22.23 mm)	MSES-78-50	**36809**	CB 222	**37107**	Copper		
	1 1/4" (31.75 mm)	MSES-114-50	**36806**	CB 217	**36795**	Gold		
Times Microwave LMR®	0.4" (10.16 mm)	MSES-GST-400A					4.3" (109 mm)	12.5 oz
	0.6" (15.24 mm)	MSES-GST-600						
	0.9" (22.86 mm)	MSES-GST-900						
	1.2" (30.48 mm)	MSES-GST-1200						
	1.7" (43.18 mm)	MSES-GST-1700						

UDT SERIES
Universal Cable Drop Trimmers

• Compact, one-step cable preparation tool for all 59, 6, N48, 7, coax 9 & 11 drop cable constructions
• Features interchangeable blades to expose the conductor 5/16" (7.93 mm) & remove the jacket 1/4" (6.35 mm), as well

• Blade cassettes are color-coded for easy identification
• Durable polymer construction & equipped with built-in strip stops
• U.S. Patent No. 5,716,132

Model	Part No.	Cable Compatiblity							Blade Cassette 1 Model/Part No.		Blade Cassette 2 Model/Part No.		Add Blade Cassette 1 Model/Part No.		Add Blade Cassette 2 Model/Part No.		Length	Weight
		59	6	7	9	11	11Q	N48										
UDT59611-250	**35220**	•	•		•	•			RC596-250	**35241**	RC11-250	**35243**	RC596-250	**35241**				
UDT596711-250	**35221**	•	•	•		•	•		RC596-250	**35241**	RC11-250	**35243**	RC7-250	**35242**	RC11Q-250	**35244**	5.5" (139.7 mm)	4.5 oz
UDT711-250	**35238**			•		•	•		RC7-250	**t35242**	RC11-250	**35243**	RC7-250	**35242**				
UDT-EUR11-250	**36194**		•		•			•	RC-EUR-250	**42004**	RC11-250	**35243**	RC-EUR-250	**42004**	RC11-250	**35243**		

UDT Replacement Blade Guide

Model	Part No.	Cable Compatiblity							Cassette Color	Conductor Exposure Length	Jacket Removal Length
		59	6	7	9	11	11Q	N48			
RC596-250	**35241**	•	•						Red		
RC7-250	**35242**			•					Green		
RC11-250	**35243**					•			Black	0.3125" (7.93 mm)	0.25" (6.35 mm)
RC11Q-250	**35244**						•		Gray		
RC-EUR-250	**42004**		•		•			•	Orange		

*Replacement blade cassettes are sold in packs of 2

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C.A.T. AIO SERIES
All-In-One-Connector Compression Tools

- This all-in-one compression tool design allows for the assembly of 59/6, 7, 11 & MINI drop connectors from most connector manufacturers
- Easy tool calibration with supplied gauge block & star adjustment wheel on the handle
- Field-proven design based on original Cablematic® C.A.T. Series with durable cast aluminum body

- U.S. Patent Nos.: 5,934,137; 5,647,119 & 6,820,326
- Please visit www.ripley-tools.com to see the full selection of IPT plungers that are available*

Model	Part No.	Plunger Included	Length	Weight
C.A.T. AIO (Tool Body Only)	38480	None*	7.4" (187 mm)	1.1 lb

C.A.T. AIO KIT
All-in-One-Connector Compression Kit

- The kit allows the user to pick & choose only the additional plunger tips that are required for their unique applications
- Field-proven design based on the original Cablematic® C.A.T. Series with durable cast aluminum body
- Easy tool calibration with supplied gauge block & star adjustment wheel on handle

- Plunger tip to connector compatibility chart is provided in the tool case for proper plunger selection
- Custom plunger selections available

Model	Part No.	Plungers Included	Length	Weight
C.A.T. AIO Kit	38480 - 007	IPT 1A/1B; IPT 2A/2B*	11.5" (292 mm)	2.9 lb

T-7916 SERIES
"F" Fitting Tap Tool

- Convenient 7/16" (11.1 mm) & 9/16" (14.3 mm) hex tool is compatible with most 59/6 & some 7/11 connectors
- Equipped with a rugged, aluminum body to ensure longevity

- All metal tool engineered to efficiently tighten "F" connectors on tap ports where security shields are not used

Model	Part No.	Hex Size(s)	Connector Manufacturer	Connection Type	59/6 Hex	7/11 Hex	Material	Length	Weight
T-7916	37825	7/16" (11.1 mm) & 9/16" (14.3 mm)	Arris	Digicon® "S"	•		Aluminum	5" (127 mm)	5 oz
				Digicon® "T"	•				
			Corning Gilbert	ULTRAEASE™	•				
				ULTRAEASE™-T		•			
			PCT	DRS	•				
			PPC	EX	•	•			
				EX-XL	•				
			Belden	SNAP-N-SEAL®	•	•			
			Stirling	SPL	•	•			

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FO 103S SERIES
Fiber Optic Stripper

- Singular hole design efficiently strips the buffer coating from bare fiber in one compact tool
- Pivot pin, spring & precision handles feature printed stripping reference to enhance functionality & durability

- Manufactured to precise tolerances with factory-set diameter holes & V-openings in the blade that provide accurate & clean stripping without scratching or nicking the bare fiber
- No adjustments needed

| Usage | Nominal Tool Hole Diameter ø | Model | Part No. | Discontinued No-NIK Equivalent* | | | Length | Weight |
				No-NIK Model	Part No	Handle Color		
Standard	For Stripping 250 µm Buffer Coating From 125 µm Optical Fiber	FO 103-S	**80355**					
	114 µm (0.0045")	FO 103-S-100	**80355-1**					
	140 µm (0.0055")	FO 103-S-140	**80355-15**					
	150 µm (0.0060")	FO 103-S-150	**80355-2***	NN152	46231	Gold		
	162 µm(0.0066")	FO 103-S-162	**80355-3**					
	175 µm (0.0070")	FO 103-S-175	**80355-4**	NN175	46235	Mustard		
	187.5 µm (0.0075")	FO 103-S-187.5	**80355-5**					
For Custom Applications	200 µm (0.0080")	FO 103-S-200	**80355-10***	NN203	46241	Red	5.375" (137 mm)	2.5 oz
	225 µm (0.0090")	FO 103-S-225	**80355-12**					
	250 µm (0.0100")	FO 103-S-250	**80355-6***	NN254	46249	Light Blue		
	280 µm (0.0110")	FO 103-S-280	**80355-7**					
	300 µm (0.0120")	FO 103-S-300	**80355-8***	NN305	46255	White		
	400 µm (0.0160")	FO 103-S-400	**80355-16**					
	525 µm (0.0210")	FO 103-S-525	**80355-9**					
	880 µm (0.0350")	FO 103-S-880	**80355-17**					
	1140 µm (0.0450")	FO 103-S-1140	**80355-18**					

*No-Nik Series Fiber Optic Strippers are discontinued & no longer available.

F-SNC SERIES
All-in-One Fiber Optic Stripping & Kevlar® Cutting Tool

- Compact "strip & cut" design integrates jacket stripping, fiber stripping & aramid fiber cutting into one dynamic tool
- Cable stripper & cutter are retractable into the handle to increase safety & tool longevity

- All cutting surfaces are precision-formed, hardened, tempered & ground to ensure accurate fiber stripping without damaging the fiber
- Patent-pending

Model	Part No.	1st Hole Minimum Stripping ø	2nd Hole Minimum Stripping ø	3rd Hole Minimum Stripping ø	Dimensions	Weight
FO-SNC	**81430**	1.6 - 3 mm Jacket " 600 - 900 µm Tight Buffer	900 µm Tight Buffer " 250 µm Buffer Coating	250 µm Buffer Coating " 125 µm Bare Fiber	3.75" x 1.25" x 0.7" (95 x 32 x 18 mm)	3 oz

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MA01 Series
Fiber Optic Stripper & Shear Kit

- Equipped with fiber optic strippers manufactured to precise tolerances to accurately remove the 1.6 to 3 mm fiber jacket, 600 to 900 micron buffer coating & standard 250 micron acrylate from fiber optic cable
- High-quality precision tools require no adjustment & will not scratch or nick the fiber
- Ergonomic, lightweight shears are ideal for cutting Kevlar® strength members in fiber optic cable with durable highcarbon molybdenum & vanadium steel micro-serrated blades for reduced slippage
- Heavy duty belt clip with industrial hook & loop closure to securely holds go-to products conveniently within reach

MA01-7000 Kit Includes
- FO 103-T-250-J 3 Hole Fiber Optic Stripper
- KS-1 Kevlar® Shears
- Lightweight Nylon Pouch

MA01-7001 Kit Includes
- CFS-3 3 Hole Fiber Optic Stripper
- KS-1 Kevlar® Shears
- Lightweight Nylon Pouch

Model/ Part No.	Description	Fiber Optic Stripper Included	Dimensions	Weight
MA01-7000	Complete Kit	FO 103-T-250-J Fiber Optic Stripper w/ 3 Holes	9.7" x 3.25" (247.7 x 82.55 mm)	10.7 oz
MA01-7001	Complete Kit	CFS-3 Fiber Optic Stripper w/ 3 Holes	9.75" x 3.25" (247.7 x 82.55 mm)	12 oz
MA01-7500	Pouch Only	N/A	9.75" x 3.25" (247.7 x 82.55 mm)	

FOC-SS-SERIES
Fiber Optic Cleaver

- Engineered for fiber cleaving applications including the field termination of fiber connectors & mechanical splices, as well as numerous laboratory uses
- Precision blade provides a cleave end-face angle of < 2°
- Ideal for single & multi-mode fibers with 125 micron cladding
- Graduated leaf spring scale measures accurate cleave lengths from 2 to 20 mm
- "Score & Snap" leaf spring function for easy & efficient cleaving
- Equipped with standard carbide cleaving blade

Model	Part No.	Cleaving Lengths	Replacement Blade Model	Part No.	Material	Lifespan	Dimensions	Weight
FOC-SS*	46490	0.08" - 0.79" (2 - 20 mm)	FOC-CBL	46491	Carbide	6,000 Cleaves	4.88" x 0.79" x 1.5" (124 x 20 x 40 mm)	2.12 oz
			FOC-DBL	46493	Diamond	10,000 Cleaves		

*Standard models are equipped with a carbide blade

MSAT® 16 SERIES
Mid-Span Fiber Access Tool with 16 Size Settings

- 16 unique diameter settings accommodate buffer tubes ranging from 1 mm to 3 mm
- Convenient built-in sizing channels quickly determine proper setting for a wide variety of buffer tubes
- Safe, compact & ergonomic design fits comfortably in hand for easy operation without risk of injury
- Patent-pending design has self-aligning, easy-to-load buffer tube channel that supports & guides the tube through the precision shaving operation
- Lightweight & durable polymer construction
- Includes a nylon carrying case for tool storage

Model	Part No.	Tube Diameter	Sizing Setting	Replacement Blade Set Part No.	Dimensions	Weight
MSAT® 16	MB01-7000	0.039" - 0.118" (1.0 - 3.0 mm)	16	MB01-7500*	1.875" x 2.75" x 2.25" (47.6 x 69.9 x 57.2 mm)	3.2 oz

*Includes 2 Blades & 2 Pins

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PDT SERIES
Punch Down Tool

• Spring-loaded automatic impact tool designed for wire termincation on
  110/88 or 110/66 connecting blocks
• Blades are engineered to spread the termination prongs to efficiently insert the wire into
  the contact & provide a tight termination that resists corrosion
• Features a convenient blade impact adjustement & blade storage compartment

Model	Part No.	Connecting Block(s)	Length	Weight
PDT	46271	110/88; 110/66	5.75" (146 mm)	5.1 oz

MDP-4

MDP SERIES
Isopropanol Liquid Dispensing Pumps

MDP-8

• For use with isopropanol to properly clean fiber during cable preperation;
  not supplied with liquid
• Cam-Lock hinge reduces odors by keeping lid open or closed
• Stainless steel pump dispenses approximately 2 cc of liquid every time
  & prevents fluid from re-entering the bottle
• Stable, rectangular bottom & one handed pump operation improved work efficiency

Model	Part No.	Capacity	Materials	Container Style	Dimensions	Weight
MDP-4	80875	4 oz	HDPE/Stainless Steel	Square	3.1" x 2.1"	2.3 oz
MDP-8	80870	8 oz	Polypropylene	Oval	2.9" x 5.5" x 2.4"	1.8 oz

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CC-100 & CC-200 SERIES

Remove residual dielectric from the conductor on all sizes of trunk and distribution cables.

• Designed to remove residual dielectric from the conductor on all sizes of trunk &
  distribution cables without damage
• Efficiently & accurately removes the dielectric close to the aluminum sheath
• "High-visibility" red & yellow tool bodies provide quick identification while on a job

Model	Part No.	Replacement Blade	Color	Blade Type
CC-100	16710	16722	Red	"V" Notched Blue
CC-200	16730	16725	Yellow	Clear Plexiglas® Scraping Blade
CC-200 EUR	42000	42000t	Yellow	Clear Plexiglas® EUR Scraping Blade

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OPTICAL POWER METERS

Free downloads of our inSpec® and OpTest software are available on our website. The inSpec® app for smartphones and tablets is available on Apple iTunes and Google Play. **https://ripley-tools.com/**

RP 560
Bluetooth® — 2 Year WARRANTY

Optical Power Meter with Bluetooth®

- Bluetooth® functionality compatible with Android & iOS devices
- 10,000+ data point storage
- Test multiple sites & offload data from folders
- Wavelength ID mode detects signal & integrates with DLS models
- Audible modulation alert for 2 kHz, 1 kHz & 270 Hz tones
- Compatible with all connector styles
- Single mode or multi-mode testing
- Includes convenient tool carrying case

RP 450
2 Year WARRANTY

Optical Power Meter

- NIST traceable measurements
- Set reference / zero functionality
- Incoming 2 kHz signal audible alert
- Compatible with all connector styles
- Single mode or multi-mode testing
- Includes tool carrying case
- Long battery life

RP 460
2 Year WARRANTY

Optical Power Meter

- Transfer data to computer via USB
- Stores over 4,000 readings
- NIST traceable measurements
- Set reference / zero functionality
- Incoming 2 kHz signal audible alert
- Compatible with all connector styles
- Single mode or multi-mode testing
- Includes tool carrying case

UPM 100
2 Year WARRANTY

USB Power Meter

- Connects to PCs & tablets via USB
- Transmit live dB & dBm readings for storage or closeout reporting
- Set reference / zero functionality
- Incoming 2 kHz signal audible alert
- Compatible with all connector styles
- Single mode or multi-mode testing

Model/Part No	UPM 100		RP 450		RP 460		RP 560
	UPM 100-02	UPM 100-04	RP 450-02	RP 450-04	RP 460-02	RP 460-04	RP 560-02
Detector Type	InGaAs	Filtered InGaAs	InGaAs	Filtered InGaAs	InGaAs	Filtered InGaAs	InGaAs
Measurement Range	+6 to -70 dBm	+23 to -45 dBmt	+6 to -70 dBm	+23 to -45 dBmt	+6 to -70 dBm	+23 to -45 dBmt	+6 to -70 dBm
Wavelength Range	850 nm to 1650 nm		850 nm to 1650 nm		850 nm to 1650 nm		850 nm to 1650 nm
Selected Wavelength	850 / 1300 / 1310 / 1490 1550 / 1611 / 1625 nm		850 / 1300 / 1310 / 1490 1550 / 1611 / 1625 nm		850 / 1300 / 1310 / 1490 1550 / 1611 / 1625 nm		850 / 1300 / 1310 / 1490 1550 / 1611 / 1625 nm
Resolution	0.01 dB		0.01 dB		0.01 dB		0.01 dB
Absolute Accuracy	± 0.25 dB		± 0.25 dB		± 0.25 dB		± 0.25 dB
Optical Interface	Universal 2.5 mm (Other Adapters Available)		Universal 2.5 mm (Other Adapters Available)		Universal 2.5 mm (Other Adapters Available)		Universal 2.5 mm (Other Adapters Available)
Display Screen	None (Connect to PC or Tablets)		Build-In LCD		Build-In LCD		Build-In LCD
Tone Identification	2 kHz Incoming Signal - Audible Alert		2 kHz Incoming Signal - Audible Alert		2 kHz Incoming Signal - Audible Alert		2 kHz, 1 kHz, 270 Hz
Storage	External Storage in inSpec® or OpTest App		N/A		4,000+ Measurements		10,000+ Measurements
Data Transfer	USB 2.0		N/A		Mini USB (Live Readings or Data Dump)		USB / Bluetooth®
Power On	Powered via USB		Push Button ON / Auto-Off		Push Button ON / Auto-Off		Push Button ON / OFF
Dimensions	3.75" x 0.75" x 0.75" (95.25 x 19.05 x 19.05 mm)		6.1" x 0.94" x 0.75" (154.9 x 23.88 x 19.05 mm)		6.1" x 0.94" x 0.75" (154.9 x 23.88 x 19.05 mm)		2.28" x 8.46" x 1.18" (57.9 x 214.88 x 29.97 mm)
Wieght	0.8 oz (22.68 g)		3.0 oz (85.4 g)		3.0 oz (85.4 g)		6.0 oz (170 g)

Power Meter Adapters

Part No.	Description	Part No.	Description	Part No.	Description
AC 020	2.5 mm Universal Adapter	AC 027	ST Adapter	AC 126	SC/APC Adapter
AC 021	1.25 mm Universal Adapter	AC 028	FC Adapter		
AC 026	SC Adapter	AC 029	LC Adapter		

OPTICAL TIME DOMAIN REFLECTOMETER

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OTR 700
2 Year WARRANTY

Optical Time Domain Reflectometer

The OTR 700 boasts 3 customizable ports for hardware components. Choose a standard configuration of 1 laser/LED output and a probe input, or add a power meter and/or VFL red laser to increase the functionality of the unit. This OTDR offers an event table with PASS/FAIL analysis for each reflective event, and the 1 meter dead zone provides accurate reflective event testing in even the shortest fiber systems. Each event can be inspected manually using the event selection feature or automatically with the device's built-in PASS/FAIL function. The OTR 700's schematic trace view allows technicians to see just the most important parts of each trace with pertinent data attached.

- Available in a wide range of outputs including SM only, MM only, combination SM / MM, single or CWDM wavelength ports & more
- Schematic view of fiber link for quick & simple trace analysis & event table with PASS / FAIL analysis
- Performs calculations automatically with bidirectional averaging
- Bluetooth™ compatible with Android smartphones & tablets
- Short event dead zone is ideal for short-link installations
- Easily integrates with ODM® inspection probes, OPMs & VFLs

Model/Part No.	OTR 700
Wavelength	850 / 1300 / 1310 / 1550 nm (± 20 nm)
Dynamic Range	27/26 dB MM to 36/35 dB SM
Pulse Width	5 to 20,000 ns
Units of Measurement	km / kf / mi
Event Dead Zone	1 m
Attenuation Dead Zone	4 m
Resolution	0.125 to 32 m
Distance Uncertainty	± (0.75 + 0.005% x Distance + Sampling Resolution)
Full Scale Distance Range	1 to 64 km MM / 1 to 240 km SM
Real-Time Refresh Rate	2 Hz (Typical)
Group Index of Refraction	1.024 - 2.048
Linearity	± 0.05 dB/dB
Internal Memory Capacity	1,000 Traces
Battery Supply/Charger	Universal
Battery Life	6 Hours
Communications Ports	USB / Bluetooth™
Connector Types	FC / ST / SC (Interchangeable)
Operating Temp.	+14° to +122° F (-10° to +50° C)
Storage Temp.	-4° to +140° F (-20° to +60° C)
Dimensions (W/O Rubber Boot)	7.75" x 4.5" x 2.25"t (196.9 x 114.3 x 57.15 mm)
Weight	2.0 lb (907.19 g)

OTDR Launch/Receiver Cables & Accessories

Part No.	Description
AC 490	SM FC-LC 150m Launch Ring / Cable
AC495	MM FC-LC 150m Launch Ring / Cable
AC 513	SM Cable LC-LC 20 m
AC 514	SM Cable FC-LC 20 m
AC 630	Non-Reflective Terminator LC/UPC RL ≤ -55 dB
AC 160	SC OTDR Launch Adapter
AC 161	ST OTDR Launch Adapter
AC 162	FC OTDR Launch Adapter

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