

## Mini-Blower/Pusher

The Mini-Blower/Pusher from Condux is the lightweight, portable solution for easy installation of micro fiber and traditional fiber optic cable. The compact unit is ideally suited for your most difficult job sites and "last mile" fiber installations. An updated design has made operation easier than ever.

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 micro duct 10 mm to 18 mm or traditional duct from 0.50" (12.7 mm) to 2" (50.8 mm).

Part Number	Description
08780800	Mini-Blower/Pusher

## Replacement Parts

Part Number	Description
08081320	Flat Roller for Flat Fiber
08081319	V-Grooved Roller Bottom
08081313	Top Roller Sleeve

See page 125 for Cable & Duct Packs.



## Job Box with Kit & Job Box

The Mini-Blower/Pusher is easy to handle and transport. The blower and all accessories including cable and conduit packs and seal kits conveniently fit into a lightweight job box. There are two different Mini-Blower/Pusher Job Box with Kit options to choose from. The Kit as shown to the left: includes 12 mm and 12.7 mm duct packs and cable packs 1 & 2 in the Mini-Blower/Pusher cable pack chart on page 125.

Part Number	Description
08780801	Mini-Blower/Pusher Job Box with Kit for 12 mm & 12.7 mm duct and includes cable packs 1 & 2 in the Mini-Blower/Pusher cable pack chart on page 141 (08780802, 08780804)
08780865	Mini-Blower/Pusher Job Box with Kit for 3/4" & 1 1/4" duct and includes cable packs 1, 2 & 3 in the Mini-Blower/Pusher cable pack chart on page 141 (08780802, 08780804, 08780806)
08780860	Job Box



## Heavy Duty Tripod

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

Part Number	Description
08780850	Heavy Duty Tripod



## Pneumatic Drill Drive "Y" Connector

A "Y" Connector air hose option allows for the use of a pneumatic drill drive configuration. Unit also comes with variable pressure control.



Part Number	Description
08780855	"Y" Connector with hose assembly
08780856	"Y" Connector only

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

PACK	DUCT PACK		DUCT CLAMP		DUCT SEAL		CARRIER		FOAM CARRIER		CABLE GRIP		INNERDUCT EYE P/N and ID Range
	Duct Size	P/N	Duct OD	P/N	Duct OD	P/N	Carrier	P/N	Carrier OD	P/N	Duct OD	P/N	
1	½" SDR 11-13.5	08780795 Pack #1	0.84 [21.30]	08780791	0.84 [21.30]	08780786	0.688 [17.50]	08780793	0.75 [19.0]	08078300	.75-.99 [19-25]	08643131 033-03-012	08761840 .71-.87 [18-22]
2	¾" SDR 11-13.5	08780680 Pack #2	1.050 [26.6]	08780682	1.050 [26.6]	08780685	0.75 [19.0]	08780690	0.75 [19.0]	08078300	1.00-1.24 [25.4-31.5]	08643137 033-03-013	08761840 .71-.87 [18-22]
3	1" SDR 11/13.5	08780386 Pack #3	1.315 [33.4]	08780369	1.315 [33.4]	08780307	1.121 [28.5]	08761250	1.25 [31.8]	08761439	1.00-1.24 [25.4-31.5]	08643137 033-03-013	08761842 1.06-1.43 [27-37]
4	1.25" SDR 11/13.5	08780392 Pack #4	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 033-03-016	08761842 1.06-1.43 [27-37]
5	1.5" SDR 11/13.5	08780397 Pack #5	1.900 [48.3]	08780404	1.900 [48.3]	08780398	1.618 [41.1]	08761260	1.75 [44.5]	08761441	1.50-1.99 [38.1-50.5]	08643149 033-03-016	08761844 1.37-1.68 [35-43]
6	2" SDR 11/13.5	08780930 Pack #6	—	—	—	—	2.023 [51.4]	08761265	2.00 [50.8]	08761442	2.00-2.49 [50.8-63.2]	08643155 033-03-017	08761846 1.37-1.68 [35-43]
7	20 mm	08781120 Pack #7	0.787 [20.0]	08781122	0.787 [20.0]	08781121	0.688 [17.5]	08780793	1.00 [25.4]	08761444	.75-.99 [19.1-25.1]	08643131 033-03-012	08914007 .55-.81 [14-20.6]
8	25 mm	08780240 Pack #8	0.984 [25.0]	08780099	0.984 [25.0]	08780134	0.787 [20.0]	08780230	1.25 [31.8]	08761439	1.00-1.24 [25.4-31.5]	08643137 033-03-013	08761840 .71-.89 [18-22]
9	32 mm	08780385 Pack #9	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 033-03-015	08761842 1.06-1.43 [27-37]
10	36 mm	08780387 Pack #10	1.417 [36.0]	08780370	1.417 [36.0]	08780308	1.181 [30.0] 1.220 [31.0]	08761643 08761555	1.25 [31.8]	08761439	1.25-1.49 [31.8-37.8]	08643143 033-03-015	08761842 1.06-1.43 [27-37]
11	37 mm	08780388 Pack #11	1.457 [37.0]	08780371	1.457 [37.0]	08780309	1.220 [31.0]	08761555	1.25 [31.8]	08761439	1.25-1.49 [31.8-37.8]	08643143 033-03-015	08761842 1.06-1.43 [27-37]
12	1.25" TRUE	08780389 Pack #12	1.500 [38.1]	08780372	1.500 [38.1]	08780333	1.250 [31.7]	08761670	1.50 [38.1]	08761440	1.25-1.49 [31.8-37.8]	08643143 033-03-015	08761842 1.06-1.43 [27-37]
13	40 mm	08780390 Pack #13	1.575 [40.0]	08780373	1.575 [40.0]	08780334	1.299 [33.0]	08761579	1.50 [38.1]	08761440	1.50-1.99 [38.1-50.5]	08643149 033-03-016	08761842 1.06-1.43 [27-37]
14	42 mm	08780391 Pack #14	1.653 [42.0]	08780374	1.653 [42.0]	08780335	1.378 [35.0]	08761660	1.50 [38.1]	08761440	1.50-1.99 [38.1-50.5]	08643149 033-03-016	08761842 1.06-1.43 [27-37]
15	44 mm	08780545 Pack #15	1.732 [44.0]	08780546	1.732 [44.0]	08780547	1.496 [38.0]	08761786	1.50 [38.1]	08761440	1.50-1.99 [38.1-50.5]	08643149 033-03-016	08761842 1.06-1.43 [27-37]
16	50 mm	08780575 Pack #16	1.969 [50.0]	08780435	1.969 [50.0]	08780431	1.606 [40.0]	08761579	2.00 [50.8]	08761442	1.50-1.99 [38.1-50.5]	08643149 033-03-016	08761844 1.37-1.68 [35-43]

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

Duct Size OD (MM)	Part Number	Duct Clamp	Duct Seal	ID Range	INNERDUCT EYE P/N
10	08764140	08764142	08764143	5-9 mm	08913547
12	08764110	08764112	08764113	10-12 mm	08913545
12.7	08764150	08764151	08764153	10-12 mm	08913545
14	08764120	08764122	08764123	10-12 mm	08913545
16	08764130	08764132	08764133	10-12 mm	08913545
18	08781110	08781106	08781101	13-15 mm	08913538
20	08781120	08781122	08781121	14-20.65 mm	08914007

## CABLE PACKS: MINI-BLOWER/PUSHER & HAND-HELD BLOWER

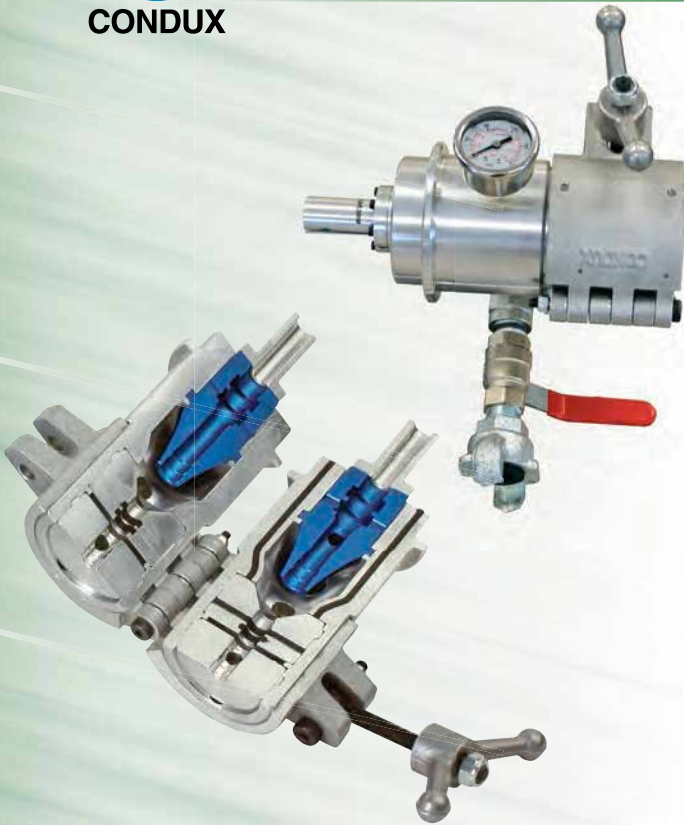
Pack	CABLE PACK		VENTURI		CABLE SEAL	
	Cable OD	P/N	Cable OD	P/N	Cable OD	P/N
1	0.23-0.34 [5.8-8.8]	08780802 Pack #1	0.23-0.34 [5.8-8.8]	08780803	0.23-0.28 [5.8-7.2]	08780406
					0.29-0.34 [7.3-8.8]	08780407
2	0.35-0.48 [8.9-12.2]	08780804 Pack #2	0.35-0.48 [8.9-12.2]	08780805	0.35-0.42 [8.9-10.7]	08761424
					0.43-0.48 [10.8-12.2]	08761425
3	0.49-0.60 [12.3-15.2]	08780806 Pack #3	0.49-0.60 [12.3-15.2]	08780807	0.49-0.55 [12.3-14.0]	08761426
					0.56-0.60 [14.1-15.2]	08761427
4	[10.4-5.5 mm]	08781117 Pack #4	Nylatron Venturi for Flat Fiber Optic Cables			
5	[15.2-6.7 mm]	08781118 Pack #5	Nylatron Venturi for Flat Fiber Optic Cables			

**FYI**

Duct Packs and Micro Duct Packs listed here can be used with the Gulfstream 400 and the Mini-Blower/ Pusher.

The Cable Packs listed can be used with the Mini-Blower/ Pusher and the Hand-held Blower.

FIBER CABLE INSTALLATION



## Hand-held Fiber Blower

The Condux hand-held fiber blower is ideal for shorter run fiber optic cable or micro fiber optic cable installations. The unit's hinged design makes it easy to install and remove duct and fiber. The Condux hand held fiber blower installs fiber from 0.20 inches (5.8 mm) to 1.13 inches (28.7 mm) into duct from 0.39 inches (10 mm) to 2 inches (50.8 mm). The unit is also ideal for installing flat fiber.

**Must be less than 60% fill ratio in order to work!**

Part Number	Description
08081315	Hand-held fiber blower

## Common Parts Package

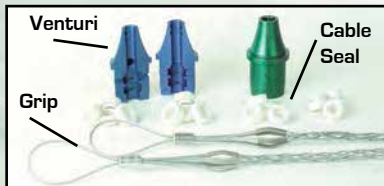
**Common Parts Package** (included with all Hand-held Blowers) includes:

Part No.	Description
02290168	Hex key set metric and standard
08780126	Seal replacement kit
08780223	Venturi Plug
08780424	Capscrew Set (M04-0.7 x 16)

## Features & Benefits

- Portable & Lightweight
- Easy to Use
- Built in Air Gauge
- Aluminum Construction
- Hinged Design
- Low Cost Alternative
- Duct Range 10 mm - 2" OD
- Cable Seal Range 5.8 mm - 15.2 mm OD

## Cable Packs: Mini-Blower/Pusher & Hand-held Blower



**FYI**  
These Cable Packs can be used with the Mini-Blower/Pusher and the Hand-held Blower.

Pack	Cable Pack		Venturi		Cable Seal	
	Cable OD	P/N	Cable OD	P/N	Cable OD	P/N
1	0.23-0.34 (5.8-8.8)	08780802 Pack #1	0.23-0.34 (5.8-8.8)	08780803	0.23-0.28 (5.8-7.2)	08780406
					0.29-0.34 (7.3-8.8)	08780407
2	0.35-0.48 (8.9-12.2)	08780804 Pack #2	0.35-0.48 (8.9-12.2)	08780805	0.35-0.42 (8.9-10.7)	08761424
					0.43-0.48 (10.8-12.2)	08761425
3	0.49-0.60 (12.3-15.2)	08780806 Pack #3	0.49-0.60 (12.3-15.2)	08780807	0.49-0.55 (12.3-14.0)	08761426
					0.56-0.60 (14.1-15.2)	08761427
4	(10.4-5.5 mm)	08781117 Pack #4	Nylatron Venturi for Flat Fiber Optic Cables			
5	(15.2-6.7 mm)	08781118 Pack #5	Nylatron Venturi for Flat Fiber Optic Cables			



## Innerduct Eyes for Micro Duct

Tapered buttress threads into the micro duct for maximum pulling strength.

Part Number	Description
08913547	Innerduct Eyes for Micro Duct (5-9 mm ID)
08913545	Innerduct Eyes for Micro Duct (10-12 mm ID)
08913538	Innerduct Eyes for Micro Duct (13-15 mm ID)



## Multiple Pulling Harness for Micro Duct Installation

Six leg harness with 3-inch separation between legs for installing micro duct into existing innerduct.

Part Number	Description
08549350	Multiple Pulling Harness



## Micro Fiber Carrier Kit

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

Part Number	Description
08764090	Micro Fiber Carrier Kit



## Polywater® Prelube 5000™

Polywater® Prelube 5000™ is more concentrated than the Prelube 2000™. It is intended for blowing microcable into small diameter microtubes. The improved chemistry allows this product to spread further and reduce friction levels. The lower viscosity allows practical application into the microtubes.

Part Number	Description	Case Lots
08230675	Polywater® Prelube 5000™	6/case



FIBER CABLE  
INSTALLATION

## PSI Shuttles

These unique, flexible shuttles are available in triple parachute configuration, making rope, pull tape and fiber optic cable installation in occupied duct a breeze. These shuttles can be used on their own or in series allowing for up to six parachutes to capture the air within the conduit, which can help increase installation distances. The parachutes collapse without constant air pressure allowing for easy pullback.

Part Number	Duct Size	
	(in)	(mm)
08761868	1.00-1.25	25-32
08761869	1.50-2.00	38-50

