



**Better FTTx,
Better Life.**

FCST-FDR Fiberglass Duct Rodder

Portable Duct Rodder&Wheeled Duct Rodder



Product Overview

FCST-FDR Fiberglass duct rodder is selected as a special tool for pulling electric cables and optical fiber cables in telecom, power industries, buildings and many other fields. The rod is made of fiberglass and high strength resin at high temperature, it is coated by high density polyethylene engineering plastic as its protected layer, which makes the duct rodder cover sliding on surface, durable, corrosion resistant and has good insulation performance, these make it safe for using in cable occupied duct. Along with pull head and handcart, it features easy to move and operate. The FRP push pull rod will be equipped with different size of reels in accordance with the length of the rod, there are wheels on the reel to make it convenient for moving, it is an ideal tool for laying cables.

Product Advantages

- Inner Core is E-Glass Fiber.
- Fiberglass rod is lightweight and flexible.
- Rod material is FRPI import solid core material.
- There are kinds of colors and size for the rod to choose.
- Outer protect layer are made of high density polyethylene and import material.
- Used to install pulling ropes and winch ropes into ducts, ready for cable pulling operations.

Product Specifications

Construction	Description
Product Name	FCST-FDR Fiberglass Duct Rodder
Rod Diameter (mm)	4.5~16mm(Customized)
Rod Length (m)	10~350m(Customized)
Frame Spec. (mm)	1300*450*1330,1200*420*1220,980*350*100 0,680*240*700,420*180*400(Customized)

Material

Construction	Description
Fiber Glass Rod Inner	FRP
Fiber Glass Rod Outer	PP
Metal Frame	Steel with high-temperature sprayed plastic or hot dip galvanized

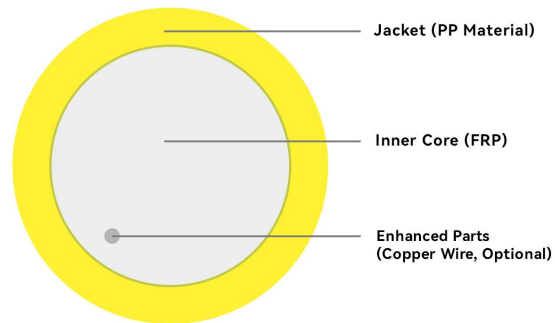
Physical Property

Construction	Description
Fiber Glass Content	75-80%

FCST-FDR FIBERGLASS DUCT RODDER

Density	> 1.9gr/cm ³
Working Environment	-40°C to +80°C
Minimum Pulling Strength	4000N +/-5%
Consistency Of Rod	137gr/m
Flexural Modulus	> 46.500Mpa
Elongation At Break	2.5-3%

Rod Specifications



Rod Sectional View

Rod Dia. (mm)	Inner Core Dia. (mm)	Jacket Thickness (mm)	Bend Radius (mm)	Conduit Dia. (mm)	Max. Tensile Strength (KN)	Max. Bending Force (KN)
4.5	3.0	0.75	100	10~30	-	0.205
5	4.0	0.5	100	20~32	-	-
6	4.0	1.0	100	25~76	-	0.396
7	6.0	0.5	150	35~85	2.67	0.825
8	6.0	1.0	150	40~90	2.67	0.825
9	7.0	1.0	160	55~125	16.48	1.01
10	8.0	1.0	178	75~140	19.66	1.18
11	8.0	1.5	390	76~150	19.66	1.18
12	8.5	1.75	450	76~160	22.87	1.47
13	10	1.5	500	76~170	25.36	1.76
14	10	2.0	550	76~190	25.36	1.76
15	12	1.5	600	76~200	29.54	2.85
16	12	2.0	650	≥ 100	29.54	2.85

Ordering Information

FCST-FDR Fiberglass Duct Rodder-

1

2

3

4

5

6

7

8

9

10

11

12

13

4.5mm

5.0mm

6.0mm

7.0mm

8.0mm

9.0mm

10mm

11mm

12mm

13mm

14mm

15mm

16mm

1

2

3

4

5

6

7

8

9

...

10m

30m

50m

100m

150m

200m

250m

300m

350m

Customized

1

2

3

4

...

Yellow

Orange

Green

Red

Customized

1

2

N/A

1.0mm Copper Wire

1#

2#

3#

4#

4-1#

5#

6#

1.5#

1.6#

1.7#

1.8#

...

1260*1200*480

1050*1000*480

950*900*480

750*650*180(without wheels)

820*740*180(without wheels)

670*550*180(without wheels)

520*450*160(without wheels)

1500*1400*480

1600*1500*480


1700*1600*480

1800*1700*480



Customized

Accessories

Standard Configuration

NO.	Name	Picture
1	traction head	

Optional Configuration

NO.	Name	Picture
1	Cleaning Clamp	
2	Silver lead rod(wire size 7~14mm)	
3	Silver lead rod(wire size 3~6mm)	
4	Removable traction head (wire size :3~6、 8~14、 15~16mm)	
5	Removable traction head (wire size :3~6、 8~14、 15~16mm)	

Package Information



Wooden Packing



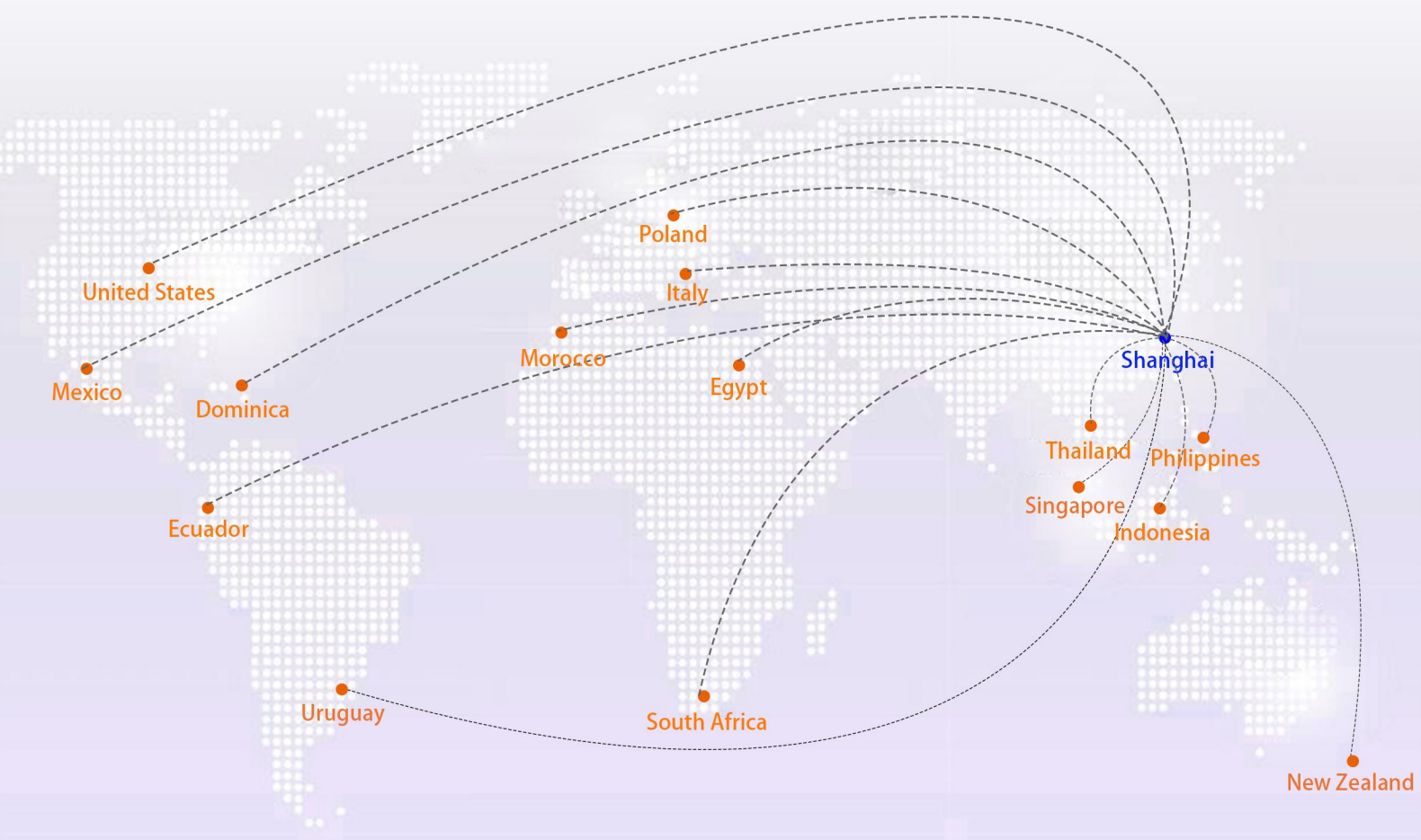
Carton Packing

Related Products

			
<p><u>Fiber Blowing Machines</u></p>	<p><u>Air Blowing Micro Cable</u></p>	<p><u>Micro Duct Connector</u></p>	<p><u>Micro-duct</u></p>



Fiber Cable Solution Technology Co.,Ltd.



Overseas Agency



FCST - Better FTTx, Better Life.

We offer 4 solutions

- FTTH ODN Solution
- Underground Cable Installation Solution
- Aerial Cable Installation Solution
- Fiber Tools & Test Solution

As a FTTx solution supplier, we can also do ODM according to project. We will continue to innovate and contribute more to the construction of the global optical fiber network.