

# F276 - F277 - F278



Telescopic rods for laying underground cables. Mounted on pullers properly arranged, they permit to pull the wire rope inside the manholes. Made with galvanised/painted steel, the rods are easily demountable to facilitate the transport. Telescopic rod for pulling the wire rope inside the pits. Guide system with 360° swivelling pulley.

## F276

Telescopic rod for pulling the wire rope inside the pits. Guide system with 360° swivelling pulley.

## F277

Telescopic rod for pulling the wire rope inside the pits. Guide system with 360° swivelling pulley. Equipped with demountable centerings fit for pipes diameter 80, 100, 120 and 150 mm.

## F278

Telescopic rod for guiding the wire rope inside the pits. Guide system with 360° swivelling pulley. Equipped with rollers device for obtaining a reserve of cable, and demountable centerings fit for pipes diameter 80, 100, 120 and 150 mm.

### OPTIONAL DEVICES

- 201 Supplementary reaction upper arm.
- 202 Reaction arm (90° respect to the pull line).
- 204 Interchangeable, demountable and openable centerings for pipes diam. 80, 100, 120 and 150 mm (standard for mod. F277 and F278).
- 205 Telescopic strut with pulley to space the puller from the manhole.
- 206 Hydraulic control of the rod extension (only for mod. F276 and F277).

	Max pull force	Pit depth (A min/max)	Distance from the pipe (B min/max)	Rod width (C)	Rod weight	Reserve of cable
	daN	mm	mm	mm	kg	m
F276.60	6000 / 10000	500 / 2000	1000 / 1500	120	150	-
F276.100	10000 / 15000	500 / 2000	1400 / 1800	150	200	-
F276.200	20000	1000 / 2000	1500 / 2000	200	350	-
F277.20	2000	0 / 1500	400 / 700	60	55	-
F277.40	3000 / 4000	0 / 1500	400 / 700	80	50	-
F278.20	2000	0 / 1500	1000 / 1400	60	55	2,5
F278.40	3000 / 4000	100 / 2000	1000 / 1500	80	100	3,0

Dimensions and weights are without optional devices. All data may change without notice. Images and drawings are indicative only.