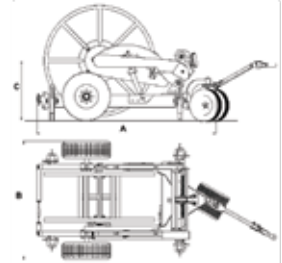
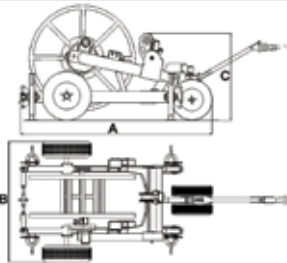


**F 106 SERIES REEL WINDER TROLLEYS (MADE IN ITALY)**



**Series. F 106**

Reel-winder trolley fit for reel transport and wire recovering/releasing, designed to be used with pullers, puller-tensioners or hydraulic power units, from which receives the transmission needed to move the reel. Can be fitted with its own motor.

- Bi-directional hydraulic engine, controlled directly by the machine's panel through hydraulic hoses, suitable for moving the reel by means a reduction unit.
- Neutral device to unwind the rope easily.
- Hydraulic-lifted reel-carrier broach operated by manual pump.
- Automatic rope-winder complete with rope-driver rollers, fits for winding three different diameters of rope on the reel. The rope-winder may be operated also manually.
- Frame with three tires, one of them steering with drawbar, fits for shifting in the yard.
- Mechanical stabilisers and joints for anchoring and lifting the reel-winder.
- Devices for locking mechanically the reel rotation.

**OPTIONAL**

- 078.1** Set of hydraulic hoses for feeding the drive unit (lengths available: 5, 10, 15 m).
- 416** Negative safety brake that self-operates in case of pressure drop in the feeding hydraulic circuit.
- 417** Installation of a diesel engine that operates a hydraulic power unit, fitted to allow the reel-winder become autonomous.
- 438.2** Device that allows lifting of reel using the reel-rotation circuit.

**Model No. F 106.230**

Reel-winder trolley designed for recovering/pulling and releasing ropes and conductors to/from steel reels. The reel is operated by a hydraulic motor fed by a separated power unit that –by means of hydraulic hoses– can operate the reel-winder either pulling/recovering or tensioning.

- Hydraulic motor with reduction group connected to the axle.
- Negative safety brake self-operating in the event of hydraulic breakdown.
- Reel-carrier arms with hydraulic lifting of reel, operated through a manual pump.
- Rigid axle, tires, hand brake and drawbar for towing at low speed in workplace.
- Adjustable pivoting reel.
- Mechanical stabilisers and attachments for anchoring and lifting the machine.
- Reel arm fit for reels max OD 2.2m, max width 1m
- Spindle with dragger and bushes for reels.
- Steel reel mod. F 162.220
- Automatic rope-winder, fit to stratify the different diameters of rope on the reel. The rope-winder can be operated manually too.

**OPTIONAL**

- 005.1** Tandem axle & torsion bar susp, air brake system & lights.
- 006** Pneumatic brake system & lights.
- 059** Metallic reel F 162.220
- 096.1** Hydraulic power unit with Petrol engine to control the reel-lifter and stabilisers.
- 417.1** Hydraulic power unit with diesel engine placed on the trolley for autonomous usage in conductor braking and recovering.
- 419.2** Automatic rope-winder, fit to stratify the different diameters of rope on the reels of different width.

Model No.	ReelMax (m)	Max Load (kg)	Rope (mm OD)	Max Pull (daN) <sup>1</sup>	Max Speed (km/h) <sup>1</sup>	Dim. AxBxC (m)	Wt (kg)	Option 417			
								Power (kW)	Max Pull (kN) <sup>2</sup>	Speed @ Max Pull (m/min) <sup>2</sup>	Max Speed (m/Min)
<b>F 106.110</b>	1.1	1,200	10, 13, 16	150	4	1.7x1.3x1.0	450	-	-	-	-
<b>F 106.140</b>	1.6	2,000	16, 18, 20	250	5	2.0x1.4x1.4	700	-	-	-	-
<b>F 106.180</b>	1.9	3,000	18, 20, 24	300	5	2.5x1.8x1.4	1200	-	-	-	-
<b>F 106.110-417</b>	1.1	1,200	10, 13, 16	Refer Option 417 columns far left		2.0x1.3x1.0	540	4.4	2	30	65
<b>F 106.140-417</b>	1.6	2,000	16, 18, 20			2.2x1.4x1.4	800	5.9	3	30	65
<b>F 106.180-417</b>	1.9	3,000	18, 20, 24			2.5x1.4x1.4	1350	7.3	4	30	65

<sup>1</sup> Obtained when connected to hydraulic puller or puller-tensioner

<sup>2</sup> On the middle layer

Model No.	Reel Min/Max OD (mm)	Reel Max Width (mm)	Max Reel Wt (kg)	Reel Capacity # F 162.220 <sup>2</sup> Rope (mm OD)/ Length (km)	Max Recovery Force (kN) <sup>1</sup>	Max Speed (km/h)
<b>F 106.230</b>	1,400-2,200	1,000	8,000	13/14, 16/9, 18/7, 20/6, 24/4, 26/3.5, 28/3	5	5

<sup>1</sup> Rope wound up to diameter 2m.

<sup>2</sup> Dimensions 225 x 84 x 86cm