

OVERHEAD STRINGING MACHINERY (MADE IN ITALY)



Suitable for overhead stringing applications in the electrical utility (Transmission and distribution lines, etc) and associated industry such as telecommunications and railway. More machines available upon request. Some features and performances of machines are able to be modified on request.

Performances of machines listed are without optional devices, at sea level at a temperature of 20°C. Dimensions and weights are shown without optional devices. Information may change without notice due to continual research, development and improvement. Images and drawings are indicative only.



REF	MODEL	TYPE	CAPSTAN (ø)	MAX ROPE (ø)	ENGINE - POWER (hp/kw)	CAPACITY (kN)
1	F265.P.20	Puller	2 x 200mm	8mm	Petrol - 18/13	20
2	F280.35	Puller	2 x 325mm	16mm	Diesel - 35.2/26	35
3	F235.90	Puller	2 x 450mm	20mm	Diesel - 156/115	90
4	F260.150.22	Puller	4 x 600mm	2 x 16mm	Diesel - 278/205	150 (2 x 75)
5	F120.AF.75.2	Puller/Tensioner	2 x 1500mm	2 x 42mm	Diesel - 105/77	75
6	F120.75.2	Tensioner	2 x 1500mm	2 x 42mm	Diesel - 60/44	75

TECHNICAL

MODEL	F265.P.20	F280.35	F235.90	F260.150.22	F120.AF.75.2	F120.75.2
ENGINE	1	2	3	4	5	6
Electronic Start 12V Battery	✓	✓	✓		✓	✓
Electronic Start 24V Battery				P		
Air Cooled	✓					
Water		✓	✓	✓	✓	✓
PULL PERFORMANCE						
Max Pull (kN)	20	35	90	1 x 50-2 x 75	75	
Max/Min Tension Force (kN)						75/4
Speed at Max Pull	18m/min	20m/min	41m/min	43m/min	33m/min	16m/min
Max Speed	65m/min	66m/min	91m/min	76m/min	83m/min	83m/min
Pull at Max Speed (kN)	3.5	13	40	1 x 90-2 x 45	35	20
REEL						
Type-Extractable Self-Loading	✓	✓	✓	✓ (Double)		
DIMENSIONS & WEIGHT						
Length x Width x Height (m)	2.1 x 1.5 x 1.2	2.15 x 1.60 x 1.55	3.7 x 2.15 x 2.1	4.6 x 2.45 x 2.75	4.0 x 2.1 x 2.4	3.8 x 2.05 x 2.4
Weight (kg) W/O Rope	535	1700	3900	8500	4500	3500

All Machines are available with an array options (some outlined below) e.g. Cable(10m) – Radio(100m) remote control, Hyd stabilisers etc. Please contact your nearest Specialised Force Branch or visit our website www.specialisedforce.com.au for a full spec sheet.

PULLERS ARE AVAILABLE UP TO 300kN
PULLER/TENSIONERS ARE AVAILABLE UP TO 180kN
TENSIONERS ARE AVAILABLE UP TO 280kN

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Hydraulic puller suitable for pulling one overhead transmission cable and fibre optic wire. One hydraulic circuit allows variable continuous speed in both directions by operating one control.

MODEL	F265.P.20	F280.35	F235.90	F260.150.22	F120.AF.75.2	F120.75.2
FEATURES	1	2	3	4	5	6
1 or 2 pair of multi-grooved steel capstans fit for stringing one steel rope	✓ (1pr)	✓ (1pr)	✓ (1pr)	✓ (2pr)	✓ (1pr)	✓ (1pr)
Machine control panel equipped with built-in electronic instrument featuring a large graphic colour display and a USB port. Main functions include display of pull-force, speed and length of cable in real time, max pull force setting, display of working hours, data recording and storage on a pen-drive (data processing software provided).		✓	✓	✓	✓	✓
Device to control low-force tensions fit for OPGW					✓ (3-25 kN)	✓ (4-30 kN)
Device for pull force setting which allows to maintain the pre-set force even at speed "0"			✓	✓ x 2		
Safety negative hydraulic brake.	✓	✓	✓	✓ x 2	✓	✓
Damped axle with tires and adjustable drawbar for towing at low speed in the job-site.	✓					
Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site		✓	✓	✓	✓	
Mechanical front plough and back stabilisers					✓	✓
Mechanical stabilisers on pull side and jack-arm with wheel on drawbar side.	✓					
Hydraulic back stabilisers and manual front stabilisers		✓	✓	✓		
Attachments for anchoring and for lifting.	✓	✓	✓	✓	✓	✓
Heat exchanger to cool the oil in the hydraulic circuit.	✓	✓	✓	✓	✓	✓
Pulley for rope arranged for telescopic rod.	✓					
Built-in reel-winder with automatic rope-winder and extractable reel.	✓					
Reel-winder fit for a 1400/1600-mm-dia reel, with automatic rope-winder		✓ 1400	✓ 1600	✓ 2 x 1400		

OPTIONS (Part Number)	F265.P.20	F280.35	F235.90	F260.150.22	F120.AF.75.2	F120.75.2
Metallic coverage with doors	027					
Remote Control with 10m cable		037	037	037	037	037
Radio Remote control (100m)		038	038	038	038	038
Telescopic Rod to lay UG cables	067	067	067		067	067.1
Electronic device with USB port for pull data	069.2					
Air cooled diesel Engine	028.3					
Printer c/w accessories & case	069.5	069.5	069.5	069.5	069.5	069.5
Hydraulic Front Stabilisers		047	047			
Hydraulic Back Stabilisers					047.2	047.2

A large range of Machines are available with an array options. Please contact your nearest Specialised Force Branch for further information