

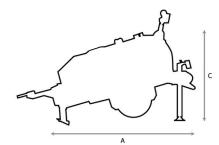
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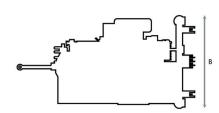
HYDRAULIC TENSIONERS

HYDRAULIC TENSIONER

F120.25 max tension 25 kN









Hydraulic tensioner fit to tension one conductor or fiber optic cable. One hydraulic circuit allows to tension at constant force even varying the speed of stringing.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with hydraulic dynamometer and mechanical
- Device to control low-force tensions (min. 1 kN), specially fit for optical fibers.
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- Back fix conductor-driver with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Grounding connection point.

OPTIONAL DEVICES

- 010 Arrangement to use the machine as a puller (fed by a separated hydraulic power unit).
- 024.1 Aluminium sectors with grooves, fit for tripolar cable ELICORD 80-mm dia.

tel. +39 035 838 092 fax +39 035 839 323

omac@omac-italy.it

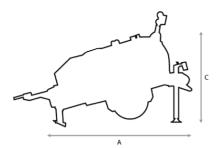
- 045.3 Manual clamp for conductor. Hydraulic front plough.
- 047.2
- Hydraulic back stabilisers. 048

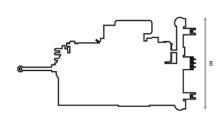
FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	6 + 6
Dimensions AxBxC	3,85x1,80x2,25 m
Weight	2000 kg
TENSION PERFORM	IANCES
Max tension force	25 kN
Min tension force	1kN
Max speed	5 km/h
ELICORD - with op	t. 024.1
Max diameter of elico	ord cable 80 mm

HYDRAULIC TENSIONER

F120.30 max tension 30 kN









Hydraulic tensioner fit to string one conductor or fiber optic cable. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring a large graphic color 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 (min. 1 kN), specially fit for optical fibers.
- Freewheeling disconnection (neutral) of capstans.
- · Safety negative hydraulic brake.
- Back fix conductor-driver with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Auxiliary hydraulic circuit for controlling a reel-stand.
- Grounding connection point.

OPTIONAL DEVICES

800	Damped axle, air brake, drawbar and lights for towing on the road
	(homologation excluded).

006.1 Lights for towing on the road.

024.1 Aluminium sectors with grooves, fit for tripolar cable ELICORD 80-mm dia.

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for conductor.

045.3 Manual clamp for conductor.

069.5 Printer for the electronic recorder, with accessories.

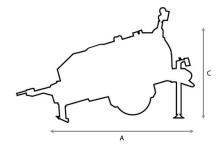
047.2 Hydraulic front plough.048 Hydraulic back stabilisers.

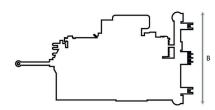
FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	6 + 6
Dimensions AxBxC	3,85x1,80x2,25 m
Weight	2350 kg
TENSION PERFORM	MANCES
Max tension force	30 kN
Min tension force	1 kN
Max speed	5 km/h
ENGINE	
Feeding	diesel
Power	38 hp / 28 kW
Cooling	water
Electric plant	12 V
PULL-BACK PERFO	RMANCES
Max pull	30 kN
Max speed	1 km/h

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F120.40.2 max tension 40 kN









Hydraulic tensioner fit to string one or two conductors or fiber optic cables. One hydraulic circuit allows to tension at constant force even varying the speed of stringing.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with hydraulic dynamometer and mechanical metercounter.
- Device to control low-force tensions (2-20 kN), specially fit for optical fibers.
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- Two back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Grounding connection point.

OPTIONAL DEVICES

010	Arrangement to use the machine as a puller (fed by a separated hydraulic
	power unit).

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045.3 Manual clamp for 2 conductors.

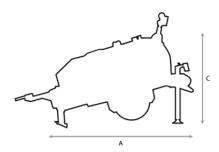
047.2 Hydraulic front plough.048 Hydraulic back stabilisers.

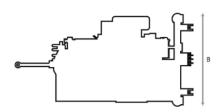
FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	6 + 6
Max conductor diameter	2 x 34 mm
Dimensions AxBxC	3,25x1,80x2,15 m
Weight	2600 kg
TENSION PERFORI	MANCES
Max tension force	40 kN
Min tension force	1,5 kN
Max speed	5 km/h

ALSO AVAILABLE VERSION WITH Ø1200 mm CAPSTANS

F120.45.2 max tension 45 kN









Hydraulic tensioner fit to string one or two conductors or optical fiber cables. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring a large graphic color 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 (2-20 kN), specially fit for optical fibers.
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- Two back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.

Hydraulic back stabilisers.

- Heat exchanger to cool the oil in the hydraulic circuit.
- Two auxiliary hydraulic circuits for controlling 1 or 2 reel-stands.
- · Grounding connection point.

OPTIONAL DEVICES

048

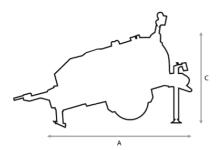
800	Damped axle, air brake, drawbar and lights for towing on the road (homologation excluded).
006.1	Lights for towing on the road.
037	Remote control by cable, with 10 m of cable.
038	Radio-control (max distance 50 m).
045.2	Automatic clamp for 2 conductors.
045.3	Manual clamp for 2 conductors.
069.5	Printer for the electronic recorder, with accessories.
047.2	Hydraulic front plough.

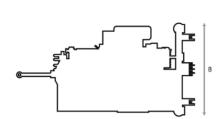
FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	6 + 6
Max conductor diameter	2 x 34 mm
Dimensions AxBxC	3,95x2,00x2,40 m
Weight	2700 kg
TENSION PERFORM	MANCES
Max tension force	45 kN
Min tension force	2 kN
Max speed	5 km/h
ENGINE	
Feeding	diesel
Power	38 hp / 28 kW
Cooling	water
Electric plant	12 V
PULL-BACK PERFO	RMANCES
Max pull	45 kN
Max speed	0,8 km/h

ALSO AVAILABLE VERSION WITH Ø1200 mm CAPSTANS

F120.75.2 max tension 75 kN









FEATURES

Hydraulic tensioner fit to string one or two conductors or optical fiber cables. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring a large graphic color 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 (4-30 kN), specially fit for fibre-optic cables
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- Two back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Two auxiliary hydraulic circuits for controlling 1 or 2 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

800	Damped axle, air brake, drawbar and lights for towing on the road
	(homologation excluded).
006.1	Lights for towing on the road.
028.7	Device to start the diesel engine at low temperatures (up to -30°C).
037	Remote control by cable, with 10 m of cable.
038	Radio-control (max distance 50 m).

045.2 Automatic clamp for 2 conductors.

Manual clamp for 2 conductors. 045.3

069.5 Printer for the electronic recorder, with accessories.

Synchronising device for the connection of 2 machines complete with 174.2

remote control by cable (20 m).

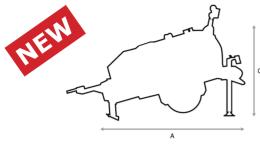
047.2 Hydraulic front plough. 048 Hydraulic back stabilisers.

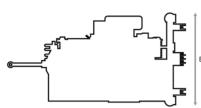
Capstans 2 x Ø 1500 mm Capstans grooves 8 + 8 Max conductor diameter 2 x 42 mm Dimensions AxBxC 3,80x2,05x2,40 m Weight 3500 kg TENSION PERFORMANCES Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN Max speed 1 km/h		
Max conductor diameter 2 x 42 mm Dimensions AxBxC 3,80x2,05x2,40 m Weight 3500 kg TENSION PERFORMANCES Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Capstans	2 x Ø 1500 mm
diameter 2 x 42 mm Dimensions AxBxC 3,80x2,05x2,40 m Weight 3500 kg TENSION PERFORMANCES Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Capstans grooves	8 + 8
Weight 3500 kg TENSION PERFORMANCES Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN		2 x 42 mm
TENSION PERFORMANCES Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULLL-BACK PERFORMANCES Max pull 75 kN	Dimensions AxBxC	3,80x2,05x2,40 m
Max tension force 75 kN Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Weight	3500 kg
Min tension force 4 kN Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	TENSION PERFORM	MANCES
Max speed 5 km/h ENGINE Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Max tension force	75 kN
Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Min tension force	4 kN
Feeding diesel Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Max speed	5 km/h
Power 60 hp / 44 kW Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	ENGINE	
Cooling water Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Feeding	diesel
Electric plant 12 V PULL-BACK PERFORMANCES Max pull 75 kN	Power	60 hp / 44 kW
PULL-BACK PERFORMANCES Max pull 75 kN	Cooling	water
Max pull 75 kN	Electric plant	12 V
	PULL-BACK PERFO	RMANCES
Max speed 1 km/h	Max pull	75 kN
	Max speed	1 km/h

ALSO AVAILABLE VERSION WITH Ø1200 mm CAPSTANS

F120.90.2 max tension 90 kN









FEATURES

Hydraulic tensioner fit to string one or two conductors or optical fiber cables. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring a large graphic color 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 (4-30 kN), specially fit for fibre-optic cables
- Freewheeling disconnection (neutral) of capstans.
- Safety negative hydraulic brake.
- Two back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Mechanical front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Two auxiliary hydraulic circuits for controlling 1 or 2 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

800	Damped axle, air brake, drawbar and lights for towing on the road
	(homologation excluded).
006.1	Lights for towing on the road.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

Automatic clamp for 2 conductors. 045.2

Manual clamp for 2 conductors. 045.3

069.5 Printer for the electronic recorder, with accessories.

Synchronising device for the connection of 2 machines complete with 174.2

remote control by cable (20 m).

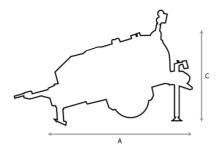
047.2 Hydraulic front plough. 048 Hydraulic back stabilisers.

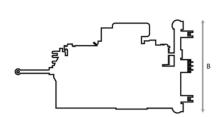
FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	8 + 8
Max conductor diameter	2 x 42 mm
Dimensions AxBxC	3,80x2,05x2,40 m
Weight	3500 kg
TENSION PERFORM	MANCES
Max tension force	90 kN
Min tension force	4 kN
Max speed	5 km/h
ENGINE	
Feeding	diesel
Power	60 hp / 44 kW
Cooling	water
Electric plant	12 V
PULL-BACK PERFO	RMANCES
Max pull	90 kN
Max speed	0,8 km/h

ALSO AVAILABLE VERSION WITH Ø1800 mm CAPSTANS

F120.100.22 max tension 100 kN (2 x 50 kN)









Hydraulic tensioner fit to string one or two conductors. Two hydraulic circuits allow to tension at constant force even varying the speed of stringing. The two circuits can be used independently or simultaneously, with automatic forces partition. Equipped with engine for pull-back performances. In pull-back mode, two hydraulic circuit allow to continuously vary the speed in both directions, allowing to use one of the hydraulic circuits or both of them matched.

- Two pairs of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with 2 built-in electronic instruments featuring
 a large graphic color 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-drivers (data processing
 software provided).
- Two safety negative hydraulic brakes.
- Back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Device for coupling the two pairs of capstans.
- Two auxiliary hydraulic circuits for controlling 1 or 2 reel-stands.
- Grounding connection point

OPTIONAL DEVICES

005.1	Chassis with 2 damped axles (tandem), air braking system and lights.
800	Damped axle, air brake, drawbar and lights for towing on the road
	(homologation excluded).

006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

O17 Hydraulic/mechanical device (n.1, on 1 circuit) to control low tension values (3-30 kN), fit to string fiber optics.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 2 conductors. 045.3 Manual clamp for 2 conductors.

069.5 Printer for the electronic recorder, with accessories.

174.2 Synchronising device for the connection of 2 machines complete with remote control by cable (20 m).

FEATURES	
Capstans	4 x Ø 1500 mm
Capstans grooves	8 + 8
Max conductor diameter	2 x 42 mm
Dimensions AxBx	C 3,90x2,40x2,80 m
Weight	5400 kg

Weight	5400 kg
TENSION PERFORMANCES	
Max tension force	1 x 100 kN

Feeding diesel

Power 66 hp / 49 kW

Cooling water

PULL-BACK PERFORMANCES

Max pull 1 x 100 kN

or 2 x 50 kN

Max speed 0,8 km/h

ALSO AVAILABLE F120.90.22

Electric plant

 max tension force
 1 x 90 kN or 2 x 45 kN

 max speed
 5 km/h

 max pull force
 1 x 90 kN or 2 x 45 kN

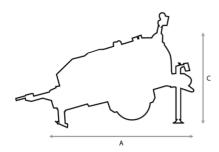
 max speed
 1 km/h

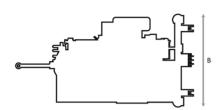
ALSO AVAILABLE VERSION WITH Ø1800 mm CAPSTANS

12 V

F110.140.22 max tension 140 kN (2 x 70 kN)









Hydraulic tensioner fit to string one or two conductors. Two hydraulic circuits allow to tension at constant force even varying the speed of stringing. The two circuits can be used independently or simultaneously, with automatic forces partition. Equipped with engine for pull-back performances. In pull-back mode, two hydraulic circuit allow to continuously vary the speed in both directions, allowing to use one of the hydraulic circuits or both of them matched.

- Two pairs of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with 2 built-in electronic instruments featuring
 a large graphic color 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).
- Two safety negative hydraulic brakes.
- Back fix conductor-driver with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Devices for coupling the two pairs of capstans.
- Two auxiliary hydraulic circuits for controlling 1 or 2 reel-stands.
- · Grounding connection point.

OPTIONAL DEVICES

005.1	Chassis with 7) damamad a.	\	مانا مسمارات	system and lights.
ו בנונו	t nassis with	' dambed as	vies Hannemi	air braking	svsiem and lidnis
005.1	CITUDDID WICH 2	. aaiiipca az	AICS (tallacill)	, an braking	System and ngms.

006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

017 Hydraulic/mechanical device (n.1, on 1 circuit) to control low tension values (4-40 kN), fit to string fiber optics.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 2 conductors.

045.3 Manual clamp for 2 conductors.

069.5 Printer for the electronic recorder, with accessories.

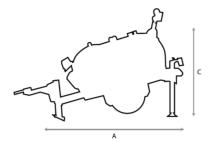
174.2 Synchronising device for the connection of 2 machines complete with remote control by cable (20 m).

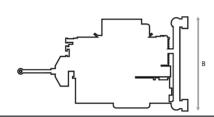
FEATURES				
Capstans	4 x Ø 1800 mm			
Capstans grooves	10 + 10			
Max conductor diameter	2 x 46 mm			
Dimensions AxBxC	4,25x2,48x2,80 m			
Weight	7700 kg			
TENSION PERFORM	MANCES			
Max tension force	1 x 140 kN or 2 x 70 kN			
Max speed	5 km/h			
ENGINE				
Feeding	diesel			
Power	87 hp / 64 kW			
Cooling	water			
Electric plant	24 V			
PULL-BACK PERFORMANCES				
Max pull	1 x 140 kN or 2 x 70 kN			
Max speed	0,9 km/h			

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F120.120.3 max tension 120 kN









Hydraulic tensioner fit to string 1, 2 or 3 conductors. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring
 a large graphic color 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).
- Safety negative hydraulic brake.
- Three back fix conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Three auxiliary hydraulic circuits for controlling 1, 2 or 3 reel-stands.
- · Grounding connection point.

OPTIONAL DEVICES

005.4	Chassis	with	2	riaid	ayles	(tandem)	١
005.4	CHassis	VVICII	_	Hylu	avics	(tanuenn)	١.

006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

Device to control low-force tension values, specially fit for fibre-optic cables.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 3 conductors.

045.3 Manual clamp for 3 conductors.

069.5 Printer for the electronic recorder, with accessories.

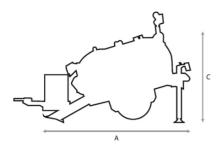
174.2 Synchronising device for the connection of 2 machines complete with remote control by cable (20 m).

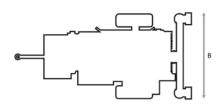
2 x Ø 1500 mm			
12 + 12			
3 x 42 mm			
4,20x2,40x2,60 m			
5800 kg			
IANCES			
120 kN			
5 km/h			
diesel			
92 hp / 68 kW			
water			
12 V			
PULL-BACK PERFORMANCES			
120 kN			
1 km/h			

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F120.135.33 max tension 135 kN (3 x 45 kN)









Hydraulic tensioner fit to string 1, 2 or 3 conductors. Three hydraulic circuits allow to tension at constant force even varying the speed of stringing. The three circuits can be used independently or simultaneously, with automatic forces partition. Equipped with an engine for pull-back performances. In pull-back mode, three hydraulic circuit allow to vary the speed in both directions, allowing to use one of the hydraulic circuits or all of them matched.

- Three pairs of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with 3 built-in electronic instruments featuring
 a large graphic color 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).
- Three safety negative hydraulic brakes.
- Back conductor-drivers with nylon rollers.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Devices for coupling the three of pairs of capstans.
- Three auxiliary hydraulic circuits for controlling 1, 2 or 3 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

005.1 Chassis with 2 damped axles (tandem), air braking system and lights	005.1	Chassis with 2 (damped axles	(tandem), air	braking system	and lights.
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006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

Hydraulic/mechanical device (no.1, on 1 circuit) to control low tension values, fit to string fiber optics.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 3 conductors.045.3 Manual clamp for 3 conductors.

069.5 Printer for the electronic recorder, with accessories.

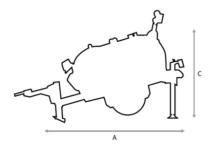
FEATURES			
Capstans	6 x Ø 1500 mm		
Capstans grooves	5 (tot.30)		
Max conductor diameter	3 x 42 mm		
Dimensions AxBxC	4,90x2,40x2,90 m		
Weight	8900 kg		
TENSION PERFOR	MANCES		
Max tension force	$135 \text{ kN} = 3 \times 45 \text{ kN}$ or $1 \times 90 + 1 \times 45 \text{ kN}$		
May speed	5 km/h		

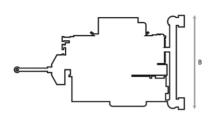
	Max speed	5 km/h
	ENGINE	
	Feeding	diesel
Power Cooling	87 hp / 64 kW	
	water	
Electric plant		12 V
	PULL-BACK PERF	ORMANCES

. OLL DAGE.	
Max pull	$135 \text{ kN} = 3 \times 45 \text{ kN}$
	or 1 x 90+1 x 45 kN
Max speed	1,5 km/h

F120.150.4 max tension 150 kN









Hydraulic tensioner fit to string 1, 2, 3 or 4 (up to 6 on demand) conductors. One hydraulic circuit allows to tension at constant force even varying the speed of stringing. Equipped with engine for pull-back performances.

- One pair of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with built-in electronic instrument featuring a large graphic color 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).
- Safety negative hydraulic brakes.
- Back fix conductor-driven with nylon rollers for 4 conductors.
- Chassis with rigid axle, manual brake and detachable drawbar for towing at low speed in job-site.
- Hydraulic front plough and back stabilisers.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Four auxiliary hydraulic circuits for controlling 1, 2 or 3 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

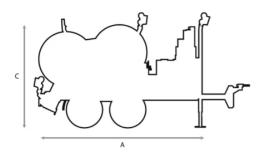
005.4	Chassis	with	2	riaid	axles	(tandem)	١.
005.4	CHUSSIS	VVICII	_	rigiu	UNICS	(tariaciii)	,.

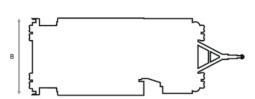
- 006.1 Lights for towing on the road.
- 012 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).
- 017 Device to control low-force tension values, specially fit for fibre-optic cables.
- 020.3 Set of nylon sectors with grooves fit for 6 conductors Ømax 31,5 mm (instead of standard set), and 2 additional hydraulic circuits to control 2 extra reel-stands (total 6).
- 028.7 Device to start the diesel engine at low temperatures (up to -30°C).
- 037 Remote control by cable, with 10 m of cable.
- 038 Radio-control (max distance 50 m).
- 045.2 Automatic clamp for conductors.
- 045.3 Manual clamp for conductors.
- 069.5 Printer for the electronic recorder, with accessories.
- 174.2 Synchronising device for the connection of 2 machines complete with remote control by cable (20 m).

FEATURES	
Capstans	2 x Ø 1500 mm
Capstans grooves	16 + 16
Max conductor diameter	4 x 42 mm
Dimensions AxBxC	4,20x2,50x2,70 m
Weight	6900 kg
TENSION PERFORM	MANCES
Max tension force	150 kN
Max speed	5 km/h
ENGINE	
Feeding	diesel
Power	92 hp / 68 kW
Cooling	water
Electric plant	24 V
PULL-BACK PERFO	RMANCES
Max pull	150 kN
Max speed	1,6 km/h

F120.150.42 max tension 150 kN (2 x 75 kN)









Hydraulic tensioner fit to string 1, 2, 3 or 4 conductors. Two hydraulic circuits allow to tension at constant force even varying the speed of stringing. The two circuits can be used independently or simultaneously, with automatic forces partition. Equipped with engine for pull-back performances. In pull-back mode, two hydraulic circuit allow to vary the speed in both directions, allowing to use one of the hydraulic circuits or both them matched.

- Two pairs of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with 2 built-in electronic instruments featuring a large graphic color 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).
- Two safety negative hydraulic brakes.
- Front and back conductor-drivers with nylon rollers, for 4 cond.
- Chassis with two rigid axles (tandem), tires and drawbar for towing at low speed in job-site.
- Hydraulic front plough.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Devices for coupling the two pairs of capstans.
- Four auxiliary hydraulic circuits for controlling 1, 2, 3 or 4 reel-stands.
- Grounding connection point.

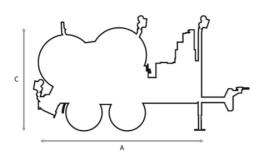
OPTIONAL DEVICES

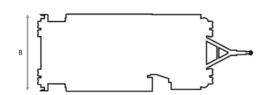
- 005.1 Chassis with 2 damped axles (tandem), air braking system and lights.
- 006.1 Lights for towing on the road.
- 012 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).
- 017 Hydraulic/mechanical device (no.1, on 1 circuit) to control low tension values, fit to string fiber optics.
- Set of nylon sectors with grooves fit for 6 conductors Ømax 31,5 mm 020.3 (instead of standard set), and 2 additional hydraulic circuits to control 2 extra reel-stands (total 6).
- 028.7 Device to start the diesel engine at low temperatures (up to -30°C).
- 037 Remote control by cable, with 10 m of cable.
- 038 Radio-control (max distance 50 m).
- Automatic clamp for 4 conductors. 045.2
- 045.3 Manual clamp for 4 conductors.
- 069.5 Printer for the electronic recorder, with accessories.

FEATURES	
Capstans	4 x Ø 1500 mm
Capstans grooves	10 (tot.40)
Max conductor diameter	4 x 42 mm
Dimensions AxBxC	5,10x2,45x3,00 m
Weight	8000 kg
TENSION PERFOR	MANCES
Max tension force	150 kN = 2 x 75 kN
Max tension per conductor	37,5 kN
Max speed	5 km/h
ENGINE	
Feeding	diesel
Power	87 hp / 64 kW
Cooling	water
Electric plant	12 V
PULL-BACK PERFO	DRMANCES
Max pull	150 kN = 2 x 75 kN
Max speed	1 km/h

F120.200.44 max tension 200 kN (2 x 100 or 4 x 50 kN)









Hydraulic tensioner fit to string 1, 2, 3 or 4 conductors. Four hydraulic circuits allow to tension at constant force even varying the speed of stringing. The 4 circuits can be used independently or simultaneously, with automatic forces partition. Equipped with engine for pull-back performances. In pull-back mode, four hydraulic circuit allow to vary the speed in both directions, allowing to use one of the hydraulic circuits or all of them matched.

- Four pairs of steel capstans lined with multi-grooved nylon sectors.
- Machine control panel equipped with 4 built-in electronic instruments featuring
 a large graphic color 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).
- Four safety negative hydraulic brakes.
- Front and back conductor-drivers with nylon rollers, for 4 cond.
- Chassis with two rigid axles (tandem), tires and drawbar for towing at low speed in job-site.
- Hydraulic front plough.
- Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Devices for coupling the four of pairs of capstans.
- Four auxiliary hydraulic circuits for controlling 1, 2, 3 or 4 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

00E 1	Chaccic with 2 dampa	d avlac (tandam)	\ air braking	avatam and lighta
UUD.I	Chassis with 2 damped	u axies ciandeni), ali Diakiliu	system and nums.

006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

O17 Hydraulic/mechanical device (no.1, on 1 circuit) to control low tension values, fit to string fiber optics.

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 4 conductors.

045.3 Manual clamp for 4 conductors.

069.5 Printer for the electronic recorder, with accessories.

FEATURES	
Capstans	8 x Ø 1500 mm
Capstans grooves	5 (tot.40)
Max conductor diameter	4 x 42 mm
Dimensions AxBxC	5,10x2,50x3,10 m
Weight	11000 kg

TENSION PERFORMANCES

Max tension force 200 kN = 2 x 100 kN or 4 x 50 kN Max speed 5 km/h

ENGINE	
Feeding	diesel
Power	125 hp / 92 kW
Cooling	water
Electric plant	12 V

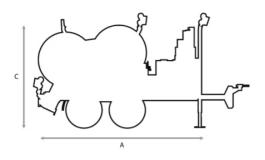
PULL-BACK PERFORMANCES

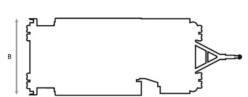
Max pull	$200 \text{ kN} = 2 \times 100 \text{ kN}$
	or 4 x 50 kN
Max speed	1 km/h

ALSO AVAILABLE VERSION WITH Ø1800 mm CAPSTANS

F110.280.62 max tension 280 kN (2 x 140 kN)









Hydraulic tensioner fit to string 1, 2, 3 or 4 (up to 6 on demand) conductors. Two hydraulic circuits allow to tension at constant force even varying the speed of stringing. The two circuits can be used independently or simultaneously, with with automatic forces partition. Equipped with engine for pull-back performances. In pull-back mode, two hydraulic circuit allow to vary the speed in both directions, allowing to use one of the hydraulic circuits or both of them matched

- Two pairs of steel capstans lined with multi-grooved nylon sectors, fit for 4 conductors totally.
- Machine control panel equipped with 2 built-in electronic instruments featuring
 a large graphic color 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).
- Two safety negative hydraulic brakes.
- Front and back conductor-drivers with nylon rollers, for 4 cond.
- Chassis with two rigid axles (tandem), tires and drawbar for towing at low speed in job-site.
- Hydraulic front plough.
- · Attachments for anchoring and for lifting.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Devices for coupling the two of pairs of capstans.
- Four auxiliary hydraulic circuits for controlling up to 4 reel-stands.
- Grounding connection point.

OPTIONAL DEVICES

005 1	Chassis with	2 damped axles	(tandem) ai	ir hraking	system an	d liahts

006.1 Lights for towing on the road.

O12 Predisposition of one hydraulic circuit to feed a press for high pressure joints (max. 700 bar).

020.3 Set of nylon sectors with grooves fit for 6 conductors Ømax 38,5 mm (instead of standard set) and 2 additional hydraulic circuits to control 2 extra reel-stand (total 6).

028.7 Device to start the diesel engine at low temperatures (up to -30°C).

tel. +39 035 838 092

fax +39 035 839 323

omac@omac-italv.it

037 Remote control by cable, with 10 m of cable.

038 Radio-control (max distance 50 m).

045.2 Automatic clamp for 6 conductors.

069.5 Printer for the electronic recorder, with accessories.

FEATURES	
Capstans	4 x Ø 1800 mm
Max conductor diameter	4 x 51 mm
Dimensions AxBxC	5,40x2,45x3,00 m
Weight	14500 kg

TENSION PERFORMANCES

Max tension force $280 \text{ kN} = 2 \times 140 \text{ kN}$

Max speed	5 km/h	
ENGINE		
Feeding	diesel	
Power	176 hp / 130 kW	
Cooling	water	
Electric plant	24 V	
PULL-BACK PERFORMANCES		

PULL-BACK PERFORMANCES				
	Max pull	280 kN =	= 2 x	140 kN
	Max speed			1 km/h