

Hydraulic Machines for overhead line construction

Winches
Hydraulic puller
Hydraulic tensioner
Puller/ tensioner





PCW3000 Diesel rope winch



The PCW3000 is powered by a Honda GX-35 4-stroke engine that can also operate at an angle. The entire ascender weighs just 9.5kg and the load capacity on a single string is 700kg. The reason this winch is so popular with powerlifters is that it provides excellent performance at a low weight! Additional accessories are available for the ascender for long-distance transport, such as a lightweight frame or mounting to a car with a special trunk made of durable plastic.

This innovative winch has virtually no competition in its class.

The PCW3000 winch will help you to operate in hard-to-reach areas. Polyester rope with a diameter of 10 mm is recommended, rope length unlimited

Pulling force 700 kg

Speed 10m/min

Winch 76 mm Rope

minimum 10 mm

Rope maximum 16 mm

Dimensions 29 x 35 x 26 cm

Weight 9.5 kg





PCW5000 Diesel rope winch



The PCW5000 is powered by a Honda GXH50 4-stroke engine that can also operate at an angle. The entire winch weighs just 16 kg and has a load capacity of 1,000 kg on a single rope, increasing to 2,000 kg with the use of a pulley. The perfect winch for energy work as assembly support. Two speeds depending on the diameter used winch.

At maximum capacity with a 57mm winch, the speed is 12m / min.

With an 85mm winch (optional) the load capacity will be 700kg and the speed 18m/min.

Polyester rope with a diameter of 12 mm is recommended, the length of the rope remains unlimited.

The L9/1000 is an investment that will quickly pay off by providing excellent support for years to come.

Pulling power 1000 kg 57 mm winch

Option : 85 mm winch (700 kg)

Speed 12m/min at 57 mm winch

Speed 18m/min at 85 mm winch

Minimum rope 10 mm

Maximum rope 16 mm

Recommended rope 12 mm

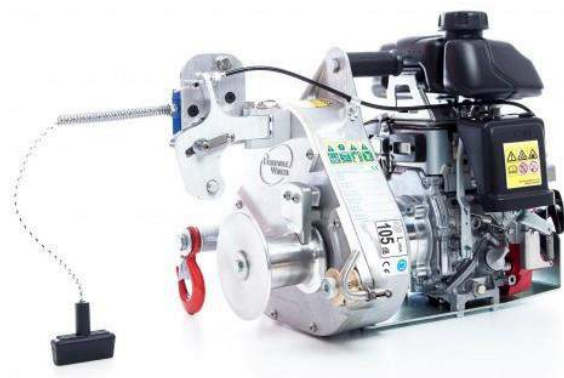
Dimensions 36 x 37 x 36 cm

Weight 16 kg





PCH1000 diesel rope winch with lifting capacity



The PCH1000 is the ideal tool for lifting load!

The winch has been specially designed for lifting loads on construction sites, assisting in the construction of overhead lines, installing telecommunications structures or installing various equipment.

It can lift a load of 250 kg with a single line and the pulley system doubles the force to 500 kg.

An integrated rope grab system (brake) will hold the load in position allowing the operator to work safely.

This system can be used to lift or lower a load. A number of accessories are available to simplify the installation process and anchor the winch to various anchor points, such as vehicle, pole, pylon and others. Standard 57 cm winch

Tractive force 775 kg

Lifting force 250 kg

Speed 12m/min

Optional 85 mm winch

Pulling force 540 kg

Lifting force 175 kg

Speed 18m/min

Rope maximum 13 mm

Dimensions 50 x 37 x 36 cm

Weight 19 kg





PCH2000 diesel rope winch with lifting capability



The PCH2000 model is equipped with a Honda GX-160 cc engine, which offers excellent performance in a wide range of tasks such as pole erection, insulator replacement, cable pulling and other strenuous tasks. This winch can lift a load of up to 450 kg with a single line or, using a pulley system, doubles the lifting capacity.

up to 900 kg. The integrated rope gripping system allows the operator to work safely and the start/stop mechanism means he can concentrate on the task at hand.

This system can be used to lift or lower a load. A number of accessories are available to simplify the installation process and anchor the winch to various anchor points, such as a vehicle, pole, pylon and others.

Standard 108 cm winch

Pulling power 1150 kg

Lifting force 450 kg

Speed 20m/min

Rope minimum 12 mm

Rope maximum 13 mm

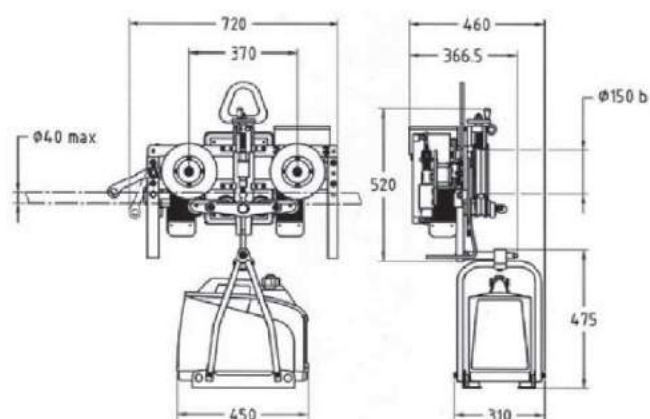
Dimensions 48 x 37 x 36 cm

Weight 34.5 kg





Remote-controlled cable replacement robot model 101 RBT



PARAMETERS

Speed: 20 m / min 'in both directions
Pulling capacity in kg : 150 kg Motor 1.8 HP
Weight: 46 kg

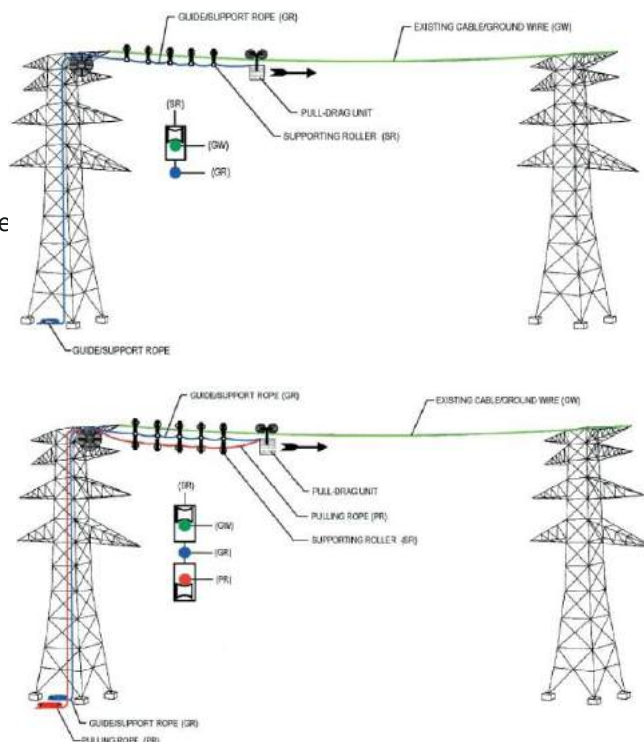
Remote-controlled pulling/pulling unit Aluminium frame . Rubberised aluminium wheels and safety latch.
Mechanical braking device to prevent uncontrolled reverse movement.
Suitable for hoses from 12 to 36 mm in diameter and passage at the centre joints up to 44 mm (hexagonal section).

Complete with lifting and towing accessories.

Remote-controlled via wireless radio control unit IP 67 (weight 100 g).
with push-button forward/reverse/brake control with 400m range.

Option :
Battery version

DRAWING METHODS





101A1 Hydraulic axial drum winch 10 kN capacity for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging



PARAMETERS

Maximum load 10 kN
Maximum speed 35 m/min
Speed at max load 13m/min
Drum dimensions $\varnothing$ 160(331) x 440 mm
Drum capacity 250 m rope 10 mm
Weight without rope 190 kg

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- transport kit with rigid axle for manual towing
- Levelled hook for balanced winch lifting

ENGINE

Petrol (8.5 hp) 6.3 kW Air-cooled Start - cable

DIMENSIONS

Length 1520 mm
Height 580 mm
Width 660 mm

ADDITIONAL EQUIPMENT - OPTIONS

14-PW winch with large groove and rope holder
17-PW Special drum with automatic device retractable
A- $\varnothing$ 160x250 (rope 200 m $\varnothing$ 8)
B- $\varnothing$ 160x560 (rope 500 m $\varnothing$ 8)





101C1 Front drum hydraulic winch 10 kN capacity for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging.



PARAMETERS

Maximum load 10 kN
Speed at maximum tension 13 m/min
Maximum speed 35 m.p.m.
Force at maximum speed 3.8 kN
Drum dimensions $\varnothing 270(480) \times 520$ mm ,
reel $\varnothing 230$ mm Drum capacity 580 m rope
10 mm Weight without rope 350 kg

ENGINE

Petrol (8.5 hp) 6.3 kW Air-cooled Start - cable

DIMENSIONS

Height 870 mm
Width 1150 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- winch with large groove and line holder
- transport kit with rigid axle for manual towing
- Levelled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

11-PW - road kit (80 km/h) 17-PW
- cone drum





101S1 Hydraulic winch 15 kN capacity with two large-groove side capstans for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging.



PARAMETERS

Maximum load 15 kN
Speed at maximum tension 13 m/min
Maximum speed 35 m.p.m.
Force at maximum speed 7.6 kN
200 mm dia winch (on panel side) 250 mm
dia winch (on other side)
Weight without rope 320 kg

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- winch with large groove and line holder
- leveled hook for balanced winch lifting

ENGINE

Diesel (11.5 hp) 8.5 kW
Air-cooled
Start- electric

DIMENSIONS

Length 1450 mm
Height 650 mm
Width 750 mm

ADDITIONAL EQUIPMENT - OPTIONS

02-PW Rigid axle set for manual towing
17-PW Special automatic drum (rope capacity
200 m $\varnothing$ 8 mm)





109T1.5 Front drum hydraulic winch 15 kN capacity for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging.



PARAMETERS

Maximum load 15 kN
Speed at maximum tension 25 m/min
Maximum speed 70 m/min
Drum dimensions $\varnothing$ 350 x 620 mm
Drum capacity 400 m rope 12 mm
Weight without rope 1260 kg

ENGINE

Diesel (25 hp) 19.0 kW
Cooling : liquid
Emission standard -(EU) 2016/1628 StageV

DIMENSIONS

Length 2600 mm
Height 1850 mm
Width 1750 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- 300 m. 12 mm HMPE rope
- remote control with console on 5 m cable
- independent stabilisers (front and rear)
- the machine cover can be opened from three sides
- road train with a lifting capacity of 1350 kg up to 80 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

- 04-PW Radio control panel
- 13-PW Pre-heater up to (30 degrees)
- 30-PW Spare wheel
- 34-PW Pressure roller on drum





109T2 Hydraulic front drum winch 30 kN capacity, suitable for transport by helicopter, for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging.



PARAMETERS

Maximum load 30 kN
Speed at maximum tension 18m/min
Maximum speed 65 m/min
Drum dimensions $\varnothing$ 350(510) x 620 mm
Drum capacity 350 m rope 13 mm
Weight without rope 840 kg

ENGINE

Diesel (25 hp) 19 kW
Cooling : liquid
Emission standard -(EU) 2016/1628 StageV

DIMENSIONS

Length 1850 mm
Height 1380 mm
Width 1500 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- independent stabilisers (front and rear)
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

11-PW Road trailer kit (80 km / h)
14-PW Large groove winch with older clamp,
version A - 10kN Capacity
Version B - 30 kN Capacity
03-PW wired remote control
04-PW wireless remote control
13-PW pre-heater up to (30 degrees)





109T5 Hydraulic front drum winch 55 kN capacity, suitable for transport by helicopter, for stringing LV and MV overhead lines, hoisting and tower erection as well as underground cabling and sagging.



PARAMETERS

Maximum load 55 kN
Speed at maximum pull 1.0 km/h
Maximum speed 5.0 km/h
Force at maximum speed 11.0 kN
Drum dimensions $\varnothing 450 \times 700$ mm
Drum capacity 350 m rope 18 mm
Weight without rope 1100 kg

ENGINE

Diesel (36.5 hp) 27.0 kW
Cooling : liquid
Emission standard -(EU) 2016/1628 StageV

DIMENSIONS

Length 1900 mm
Height 1300 mm
Width 1650 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- independent stabilisers (front and rear)
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

11-PW Road trailer kit (80 km / h)
14-PW Large groove winch with older clamp,
version A - 10 kN Capacity
Version B - 30 kN Capacity

03-PW Wired remote control
04-PW Wireless remote control





107R1 Hydraulic puller 15 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



PARAMETERS

Maximum load 15 kN
Speed at maximum pull 1.0 km/h
Maximum speed 4.5 km/h
Force at maximum speed 5.0 kN
Spool dimensions $\varnothing$ 200 x 220 mm, winches 200 mm
Spool capacity 500 m rope 9 mm, max rope 10 mm
Weight without rope 440 kg

ENGINE

Petrol (18.0 hp) 13.0 kW Cooling : liquid
Start - electric

DIMENSIONS

Length 1450 mm
Height 750 mm
Width 850 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- Heat-treated steel winches
- automatic winding system
- removable rear spool
- roller system for laying underground cables
- rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

- 01-PW Adaptation for digital data recorder, counter and speedometer
- 11-PW Road trailer kit (80 km/h)
- 18-PW Digital metre counter





107R2 Hydraulic puller 25 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling



PARAMETERS

Maximum load 25 kN
Speed at maximum pull 1.5 km/h
Maximum speed 5.0 km/h
Force at maximum speed 7.5 kN 250 mm winches
Maximum cable diameter 10 mm
Weight 950 kg

MODEL

107R2 - model with manual control panel
107R2D - model with control panel equipped with a 7" LCD touch screen that includes: setting the maximum pulling force and instant indication, counter, speed indicator and hours worked. USB output for downloading data for recording

DIMENSIONS

Length 2350 mm
Height 1700 mm
Width 1600 mm



FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- heat-treated steel winches
- automatic bobbin winding system with a diameter of 1100 to 1400 mm
- rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

Diesel engine (25.0M) 18.6 kW Cooling : liquid

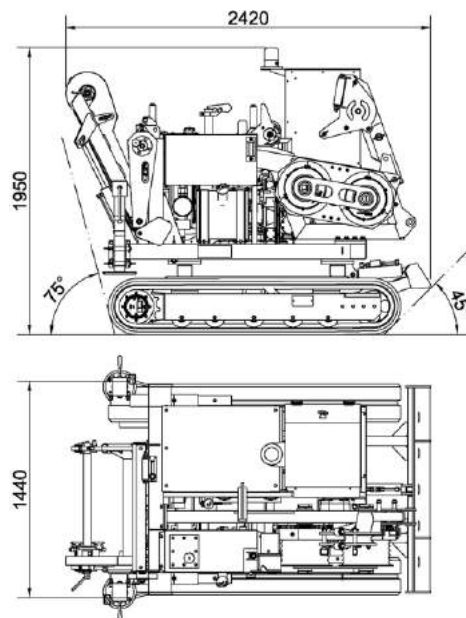
Emission standard -(EU) 2016/1628 StageV

ADDITIONAL EQUIPMENT - OPTIONS

- 01-PW Adaptation for digital data recorder, counter and speedometer
- 06-PW Adaptation to the work of laying earth cables (Telescopic rod AT1.3 - optional)
- 07-PW Hydraulic PTO for remote winder
- 03-PW Wired remote control 04-PW Wireless remote control 05-PW Rope attachment bracket (hydraulic)
- 13-PW Pre-heater (up to -30°C) 18-PW Digital metre counter
- 20-PW Dynamic speed control pull-in force



107RS3 Hydraulic puller 35 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



PARAMETERS

Maximum load 35 kN
Speed at maximum pull 1.5 km/h
Maximum speed 5.1 km/h
Winches 300 mm
Maximum cable diameter 13 mm
Weight 1750 kg

MODEL

107RS3 - control panel model equipped with a 7" LCD touchscreen, which includes: maximum pulling force setting and instant indication, counter, speed indicator and hours worked. USB output for downloading data for recording

DIMENSIONS

Length 2350 mm
Height 1700 mm
Width 1600 mm



FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- radio control unit
- Heat-treated steel winches
- automatic bobbin winding system with a diameter of 1100 to 1400 mm
- Mechanical rear supports and front plough
- Maximum track speed 5 km/h
- Balanced upper lifting point and fastening lugs
- leveled hook for balanced winch lifting

Diesel engine (25.0M) 18.6 kW Cooling
: liquid
Emission standard -(EU) 2016/1628 StageV

06-PW Adaptation to the work of laying earth cables

07-PW Hydraulic PTO for remote winder

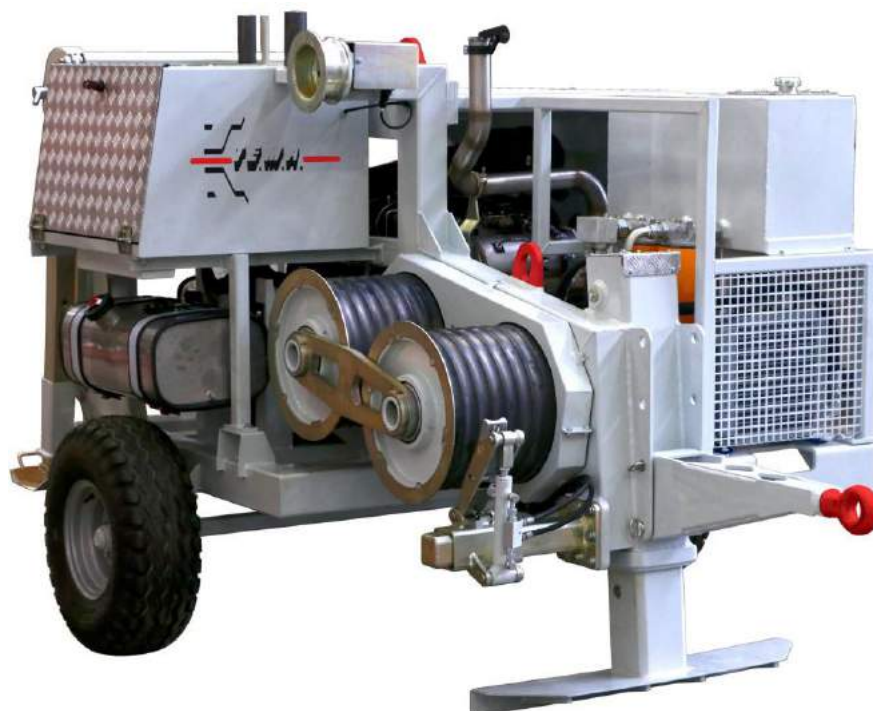
05- PW Rope clamp (hydraulic)

13-PW Pre-heater (up to -30 °C)

20-PW Dynamic speed control pull-in force



107R5 Hydraulic puller 50 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



PARAMETERS

Maximum load 50 kN
Speed at maximum pull 2.1 km/h
Maximum speed 5.0 km/h
Winches 400 mm
Maximum cable diameter 16 mm
Weight 2,300 kg

MODEL

107R5 - model with manual control panel
107R5D - model with control panel equipped with a 7" LCD touch screen, which includes: setting the maximum pulling force and instant indication, counter, speed indicator and hours worked. USB output for downloading data for recording

DIMENSIONS

Length 2700 mm
Height 2100 mm
Width 1900 mm

FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- one dynamometer for direct reading of the pull-in value with load limiting device
- Heat-treated steel winches
- automatic bobbin winding system with a diameter of 1100 to 1400 mm
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

Diesel engine (73 hp) 54.0 kW Cooling: liquid

Start - electric

Emission standard - (EU)2016/1628 Stage V

ADDITIONAL EQUIPMENT - OPTIONS

- 01-PW Adaptation for digital data recorder, counter and speedometer
- 06- PW Adaptation to the work of laying earth cables
- 07- PW Hydraulic power take-off for remote winder
- 03-PW Wired remote control
- 04-PW Wireless remote control
- 05-PW Rope attachment bracket (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 18-PW Digital metre counter
- 20-PW Dynamic speed control pull-in force





107R8 Hydraulic puller 90 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling



PARAMETERS

Maximum load 90 kN
Speed at maximum tension 2 km/h
Maximum speed 5 km/h
Force at maximum speed 40 kN
Winches 600 mm
Maximum cable diameter 24 mm
Weight 3400 kg

MODEL

107R8 - manual control panel model
107R8D - model with control panel equipped with control panel model featuring a 7" LCD touchscreen which includes: setting the maximum pulling force and instant indication, counter, speed indicator and hours worked. USB output for downloading data for recording

DIMENSIONS

Length 3400 mm
Height 2100 mm
Width 2200 mm



FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- Dynamometer for direct reading of tractive effort with load limiter
- Heat-treated steel winches
- automatic bobbin winding system with a diameter of 1100 to 1400 mm
- Remote control with console 5 m cable
- rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

Diesel engine (125 hp) 93 kW Cooling: liquid

Emission standard - (EU)2016/1628 Stage V

ADDITIONAL EQUIPMENT - OPTIONS

- 06-PW Adaptation to the work of laying earth cables
- 07-PW Hydraulic PTO for remote winder
- 28-PW GSM module with GPS geolocation
- 04-PW Wireless remote control
- 05-PW Hydraulic cable stop handle
- 13-PW Pre-heater (up to -30 °C)
- 20-PW Dynamic pull-in force speed control



107R10 Hydraulic puller 100 kN capacity for single rope pulling on overhead stringing operations



PARAMETERS

Maximum load 100kN
Speed at maximum pull 2.1 km/h
Maximum speed 5 km/h
Force at maximum speed 40 kN
Winches 550 mm
Maximum cable diameter 22 mm
Weight 4250 kg

MODEL

107R10 - model with manual control panel
107R10D - model with control panel equipped with a 7" LCD touch screen, which includes: setting the maximum pulling force and instantaneous display, counter, speed and elapsed time display USB output for data download to record

DIMENSIONS

Length 3850 mm
Height 2330 mm
Width 2330 mm



FEATURES AND OPTIONS

Standard functions

- one hydraulic circuit with negative braking system
- Heat-treated steel winches
- automatic bobbin winding system with a diameter of 1100 to 1400 mm
- Remote control with console 5 m cable
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

Diesel engine (125 hp) 93 kW

Cooling: liquid

Emission standard - (EU)2016/1628 Stage V

ADDITIONAL EQUIPMENT - OPTIONS

- 06-PW Adaptation to the work of laying earth cables
- 07-PW Hydraulic PTO for remote winder
- 28-PW GSM module with GPS geolocation
- 04-PW Wireless remote control
- 05-PW Hydraulic cable stop handle
- 13-PW Pre-heater (up to -30 °C)
- 20-PW Dynamic pull-in force speed control



107R5.2 Hydraulic puller 100 kN capacity for one or two ropes for overhead stringing operations, designed to be used as a twin independent capstans puller (50+50 kN) as well as in coupled mode (100 kN)



PARAMETERS

Maximum load 2x50 kN or 1x100 kN
Speed at maximum tension 2.0 km/h
Maximum speed 5.0 km/h
Force at maximum speed 2x18 kN or 1x36 kN
Winches 550 mm
Maximum rope diameter 22 mm
Weight 5400 kg

ENGINE

Diesel (143 hp) 105 kW
Cooling : liquid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 3850 mm
Height 2330 mm
Width 2400 mm



FEATURES AND OPTIONS

Standard functions

- two hydraulic circuits with negative braking system
- two dynamometers for direct reading of retraction values with load limiting device
- Heat-treated steel winches
- two independent automatic bobbin winding systems with diameters of 1100 to 1400 mm
- wired remote control
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

- 01-PW Adaptation for digital data recorder, counter and speedometer
- 07-PW Hydraulic PTO for remote winder
- 04-PW Wireless remote control
- 05-PW Rope attachment bracket (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 18-PW Digital metre counter
- 20-PW Dynamic speed control pull-in force



107R7.2 Hydraulic puller 150 kN capacity for one or two ropes on overhead stringing operations, designed to be used as a twin independent capstans puller (75+75 kN) as well as in coupled mode (150 kN)



PARAMETERS

Maximum load 2x75 kN or 1x150 kN
Speed at maximum tension 2.2 km/h
Maximum speed 5.0 km/h
Force at maximum speed 2x27 kN or 1x54 kN
Cabstan 600 mm Maximum cable diameter 24 mm
Weight 6800 kg

ENGINE

Diesel (218 hp) 160 kW
Cooling : liquid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 4050 mm
Height 2400 mm
Width 2200 mm

FEATURES

- two hydraulic circuits with negative braking system
- two dynamometers for direct reading of retraction values with load limiting device
- Heat-treated steel winches
- two independent automatic bobbin winding systems with diameters of 1100 to 1400 mm
- wired remote control
- Rigid axle with towing capacity up to 30 km/h
- leveled hook for balanced winch lifting

ADDITIONAL EQUIPMENT - OPTIONS

- 01-PW Adaptation for digital data recorder, counter and speedometer
- 07-PW Hydraulic PTO for remote winder
- 04-PW Wireless remote control
- 05-PW Rope attachment bracket (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 18-PW Digital metre counter
- 20-PW Dynamic speed control pull-in force





FA155.11 Hydraulic tensioner-puller 50 kN capacity for single conductor and OPGW cable stringing operations.



BRAKING PARAMETERS

Maximum load 50 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 50 kN at 1.0 km/h
Maximum cable diameter 40 mm Weight
2900 kg

ENGINE

Diesel engine (36.5 hp) 27 kW Cooling:
liquid
Emission standard - (EU)2016/1628 Stage

DIMENSIONS

Length 3200 mm
Height 2200 mm
Width 1800 mm



FEATURES

Standard functions
Single hydraulic circuit with negative braking system
Remote control with console 5 m cable
- 1 set of hydraulic quick-release couplings for the drive adapted to the hydraulic stand or one set of rope reels
- Adherence winches with replaceable nylon inserts
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

04-PT Radio control panel
07-PT Hydraulic connection for hydraulic press 08-PT Hydraulic line/line stop clamp
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees
37-PT GPS module with GPS geolocation
05-PT Additional hydraulic power take-off on brake circuit



FAD155.11 Digital hydraulic tensioner-puller 50 kN capacity for single conductor and OPGW cable stringing operations.



BRAKING PARAMETERS

Maximum load 50 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 50 kN at 1.0 km/h
Maximum cable diameter 40 mm Weight
2900 kg

ENGINE

Diesel engine (36.5 hp) 27 kW
Cooling: liquid
Emission standard - (EU)2016/1628 Stage

DIMENSIONS

Length 3200 mm
Height 2200 mm
Width 1800 mm



FEATURES

Standard functions
Single hydraulic circuit with negative braking system
Control panel equipped with a 7" LCD touchscreen display, which includes: maximum pulling force setting and instant indication, counter, speed indicator and hours worked.
USB output for data download
Remote control with console 5 m cable
- 1 set of hydraulic quick-release couplings for the drive adapted to the hydraulic stand or one set of rope reels
- Adherence winches with replaceable nylon inserts
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

04-PT Radio control panel
07-PT Hydraulic connection for hydraulic press
08-PT Hydraulic line/line stop clamp
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees
37-PT GPS module with GPS geolocation
05-PT Additional hydraulic power take-off on brake circuit



FA156.12 Hydraulic tensioner-puller 70 kN capacity for single conductor and OPGW cable stringing operations.



BRAKING PARAMETERS

Maximum load 70 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 70 kN at 0.8 km/h Maximum

ENGINE

Diesel engine (36.5 hp) 27 kW
Cooling: liquid

DIMENSIONS

Length 3200 mm
Height 2500 mm
Width 2100 mm

FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 1 set of hydraulic drive couplings suitable for two hydraulic stands or one cable reel
- Adherence rollers with replaceable nylon inserts
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01-PT Adaptation for digital data recorder, counter and speedometer
07-PT Hydraulic press connection
08-PT Hydraulic line/conduit stop clamp
14-PT Steel rollers - thermally treated
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees





FA1510.12 Hydraulic tensioner-puller 100 kN capacity for single/double conductors and OPGW cable stringing operations.



BRAKING PARAMETERS

Maximum load 100 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 100 kN at 0.6km/h

Diesel engine (36.5 hp) 27 kW Cooling:
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 3350 mm
Height 2350 mm
Width 2100 mm

FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 1 set of hydraulic drive couplings suitable for two hydraulic stands or one cable reel
- Adherence rollers with replaceable nylon inserts
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01-PT Adaptation for digital data recorder, counter and speedometer
07-PT Hydraulic connection under hydraulic press
08-PT Hydraulic line/conduit stop clamp
14-PT Steel rollers - thermally treated
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees





FA155.22 Hydraulic tensioner-puller with two independent hydraulic circuits, 2x50 kN or 1x100 kN capacity for stringing of up to 2 bundled conductors as well as OPGW cable.



BRAKING PARAMETERS

Maximum load 2x50 kN 1x100 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 2x50 , 1x100 kN at 1.1 km/h
Maximum cable diameter 40 mm
Weight 7700 kg

ENGINE

Diesel engine (73 hp) 54 kW Cooling:
liquid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 4400 mm
Height 2350 mm
Width 2400 mm



FEATURES

Standard functions
Two hydraulic circuits with negative braking system
Remote control with console 5 m cable
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Adherence winches with replaceable nylon inserts
- Gearbox (two speeds) per circuit
- Hydraulic stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced upper anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

04-PT Radio control panel
07-PT Hydraulic connection for hydraulic press
08-PT Hydraulic line/line stop clamp
18-PT Preparation for more connections
20- PT Pre-heating at -30 degrees
05-PT Additional hydraulic PTO on winch circuit
21- PT Additional gearbox
37-PT GPS geolocation module



FAD155.22 Hydraulic tensioner-puller with two independent hydraulic circuits, 2x50 kN or 1x100 kN capacity for stringing of up to 2 bundled conductors as well as OPGW cable.



BRAKING PARAMETERS

Maximum load 2x50 kN 1x100 kN
Maximum speed 5.0 km/h

PARAMETERS

Winches 1500 mm
Pulling capacity 2x50 , 1x100 kN at 1.1 km/h
Maximum cable diameter 40 mm
Weight 6900 kg

ENGINE

Diesel engine (73 hp) 54 kW
Cooling : Fluid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 4350 mm
Height 2350 mm
Width 2320 mm



FEATURES

Standard functions

Two hydraulic circuits with negative braking system
Control panel with 7" LCD touchscreen display which includes: maximum pulling force setting and instant indication, counter, speed indicator and hours worked .
USB output for downloading data Remote control with console 5 m cable
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Adherence winches with replaceable nylon inserts
- Gearbox (two speeds) per circuit
- Hydraulic stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

04-PT Radio control panel
07-PT Hydraulic connection for hydraulic press
08-PT Hydraulic line/line stop clamp
18-PT Preparation for more connections
20- PT Pre-heating at -30 degrees
05-PT Additional hydraulic PTO on winch circuit
21- PT Additional gearbox
37-PT GPS geolocation module



AF062.11 Hydraulic puller-tensioner 25 kN capacity for single conductor stringing operations



RETRACTION AND BRAKING PARAMETERS

Maximum retraction and braking load 25 kN
Maximum retraction and braking speed 3.2 km/h
Retraction speed at max load 1.2 km/h
Load at max speed 20 kN
660 mm winches

PARAMETERS

Maximum cable diameter 23 mm
Maximum pilot cable diameter 18 mm
Weight 1400 kg

ENGINE

Diesel engine (25 hp) 19 kW
Cooling : liquid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 2450 mm
Height 1500 mm
Width 1500 mm



FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01- PT Adaptation for digital data logger, counter and speedometer
04-PT Wireless control panel
03- PT Wired remote control
08-PT Hydraulic line/duct stop clamp
20-PT Pre-heater by -30 degrees
02- PT Dynamic pulling force control



AF152.11 Hydraulic puller-tensioner 25 kN capacity for single conductor and OPGW cable stringing operations



RETRACTION AND BRAKING PARAMETERS

Maximum retraction and braking load 25 kN
Maximum retraction and braking speed 5 km/h
Retraction speed at max load 2 km/h
Load at max speed 18 kN

PARAMETERS

Winches 1500 mm
Maximum cable diameter 40 mm
Maximum pilot cable diameter 18 mm
Weight 2850 kg

ENGINE

Diesel engine (36.5 hp) 27 kW Cooling:
liquid

DIMENSIONS

Length 3200 mm
Height 2200 mm
Width 1800 mm

FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01- PT Adaptation for digital data logger, counter and speedometer
04-PT Wireless control panel
03-PT Wired remote control
08-PT Hydraulic line/duct stop clamp
20-PT Pre-heater by -30 degrees
02- PT Dynamic pulling force control





AF155.11 Hydraulic puller-tensioner 50 kN capacity for single conductor and OPGW cable stringing operations



RETRACTION AND BRAKING PARAMETERS

Maximum retraction and braking load 50 kN
Maximum retraction and braking speed 5.0 km/h
Retraction speed at max load 2.1 km/h
Load at max speed 23 kN

PARAMETERS

Winches 1500 mm
Maximum cable diameter 40 mm
Maximum pilot cable diameter 18 mm
Weight 3600 kg

ENGINE

Diesel engine (73 hp) 54 kW
Cooling: liquid
Emission standard - (EU)2016/1628 Stage V

DIMENSIONS

Length 3200 mm
Height 2500 mm
Width 2100 mm

FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

04- PT Wireless control panel
07-PT Hydraulic connection under hydraulic press
08-PT Hydraulic line/conduit stop clamp
15-PT Adherence rollers with replaceable inserts nylon
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees
02-PT Dynamic pulling force control
05- PT Additional hydraulic PTO on winder circuit
37-PT GSM with GPS geolocation
32-PT Rear hydraulic stabilisers





AF156.12 Hydraulic puller-tensioner 70 kN capacity for single/double conductors and OPGW cable stringing operations



RETRACTION AND BRAKING PARAMETERS

Maximum retraction and braking load 70 kN Maximum retraction and braking speed 5.0 km/h Retraction speed at max load 1.9 km/h Load at max speed 26 kN

PARAMETERS

Winches 1500 mm
Maximum cable diameter 40 mm Maximum pilot cable diameter 18 mm Weight 4400 kg

ENGINE

Diesel engine (85 hp) 63 kW Cooling: liquid
Start - electric

DIMENSIONS

Length 3200 mm
Height 2500 mm
Width 2100 mm



FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01-PT Adaptation for digital data logger, counter and speedometer
04-PT Wireless control panel
07-PT Hydraulic connection under hydraulic press 08-PT Hydraulic line/conduit stop clamp 15-PT Adherence rollers with replaceable inserts nylon
18-PT Preparation for more connections 20-PT Pre-heating at -30 degrees
02- PT Dynamic pulling force control
05-PT Additional hydraulic PTO on winder circuit



AF158.12 Hydraulic puller-tensioner 90 kN capacity for single/double conductors and OPGW cable stringing operations



RETRACTION AND BRAKING PARAMETERS

Maximum retraction and braking load 90 kN
Maximum retraction and braking speed 5.0 km/h
Retraction speed at max load 2.2 km/h
Load at max speed 40 kN

PARAMETERS

Winches 1500 mm
Maximum cable diameter 40 mm
Maximum pilot cable diameter 24 mm
Weight 5000 kg

ENGINE

Diesel engine (125 hp) 93kW
Cooling : liquid
Start - electric

DIMENSIONS

Length 3250 mm
Height 2600 mm
Width 2100 mm



FEATURES

Standard functions
Single hydraulic circuit with negative braking system
- Dynamometer for direct reading of pull-in value with load limiting device (pull-in mode)
- metre counter
- 2 sets of hydraulic quick-release couplings for the drive, suitable for two hydraulic stands or one cable reel
- Gearbox (two speeds)
- Independent mechanical stabilisers
- Rigid axle with tyres for towing up to 30 km / h
- Balanced top anchor point for lifting and securing

ADDITIONAL EQUIPMENT - OPTIONS

01-PT Adaptation for digital data logger, counter and speedometer
04-PT Wireless control panel
07-PT Hydraulic connection under hydraulic press
08-PT Hydraulic line/conduit stop clamp
15-PT Adherence rollers with replaceable inserts nylon
18-PT Preparation for more connections
20-PT Pre-heating at -30 degrees
02- PT Dynamic pulling force control
05-PT Additional hydraulic PTO on winder circuit



R4 Hydraulic pilot line reel kit



Key features:

- Automatic bobbin winder with folding arm and bobbin line guide unit.
- Suitable for wire rope diameters from 8 to 24 mm and steel reels with diameters of 1100 mm and 1400 mm.
- Hydraulically controlled lift arm and stabilisers.

Safety note:

- The automatic negative brake is activated each time the control lever at the brake/carriage is released .
- Hydraulic motor with fast power-on
- Idle position for drum rotation and manual adjustment of the rope guide assembly on the spool
- Standard connection hose set, length 10 m (other lengths on request)
- Folding arm, wheels with extendable axle and tow bar for easy transport.
- Upper attachment point for lifting and anchoring
- Weight: 300 kg.
- Overall dimensions: 760 x 1350 x 1480 mm
- Maximum torque: 100 daN m
- Operating pressure: 150 bar
- Maximum load capacity: 2000 kg

Suitable for connection to any T.E.M.A. model brake/ winch , winch/brake



041 Hydraulic drum/pulley lifter special version



- Load on request
- Variable width frame
- Hydraulic drive
- Version with "built-in" conical spool available

NOTE: When you place your order, please provide us with the drum specifications.

