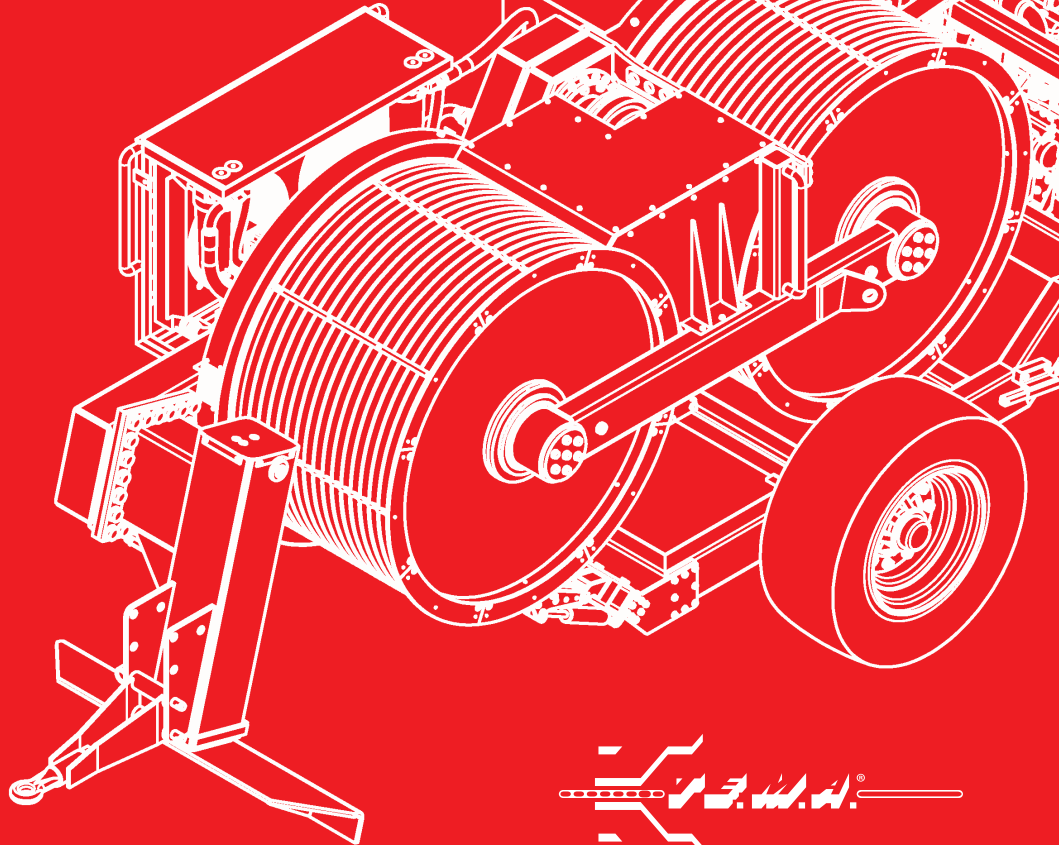


- Tower erection winches and complete stringing systems, including pullers and puller-tensioners, are T.E.M.A.'s core business.
- The entire range is designed, produced and tested within our factories and is equipped with the most modern control systems and engines in accordance with the latest emissions standards.
- For some time now, the following features have been added to the traditional product line:
 - Digital control panels with touch-screen technology and integrated PLC;
 - Multifunction radio controls;
 - Interconnection systems between machines;
 - Remote control via GPS and dedicated software.

SECTION 1





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.



Performance

Max pull	10 kN
Max speed	35 m/min
Speed at max pull	13 m/min

Characteristics

Drum dimensions	ø 160/331 x 440 mm
Drum capacity	250 m rope ø 10 mm
Weight without rope	190 kg

Engine

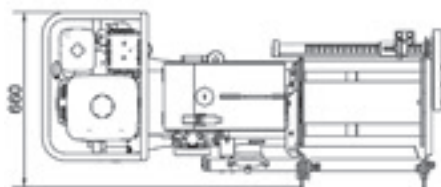
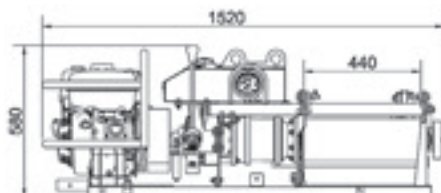
Petrol	(8,5 hp) 6,3 kW
Cooling	Air
Starter	Pull start

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Trailer kit with rigid axle for manual towing
- Balanced top lifting point and anchoring attachments

Optional equipment

- 14-PW Large groove capstan with rope holder clamp
- 17-PW Special drum with automatic spooler device
 - A - ø 160/331 x 250 mm (150 m rope ø 10 mm)
 - B - ø 160/331 x 560 mm (350 m rope ø 10 mm)





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.



Performance

Max pull	10 kN
Max speed	35 m/min
Speed at max pull	13 m/min

Characteristics

Drum dimensions	ø 270/480 x 520 mm
Drum capacity	580 m rope ø 10 mm
Capstan bottom groove	ø 230 mm
Weight without rope	350 kg

Engine

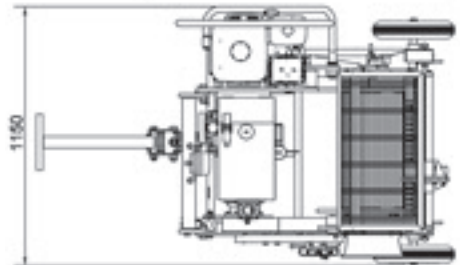
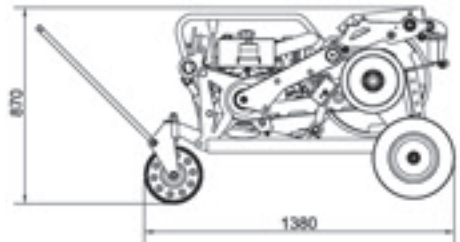
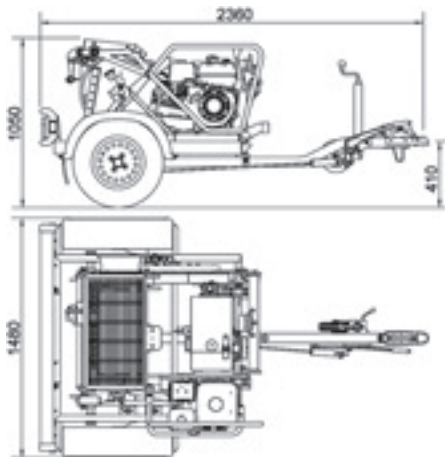
Petrol	(8,5 hp) 6,3 kW
Cooling	Air
Starter	Pull start

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Rope holder clamp for large-groove capstan
- Trailer kit with rigid axle for manual towing
- Balanced top lifting point and anchoring attachments

Optional equipment

- 11-PW Road trailer kit
- 17-PW Conical 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.



Performance

Max pull	15 kN
Max speed	35 m/min
Speed at max pull	13 m/min

Characteristics

Capstan bottom groove (panel side)	ø 200 mm
Capstan bottom groove (opposite)	ø 250 mm
Weight	320 kg

Engine

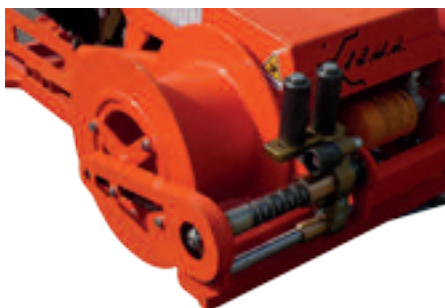
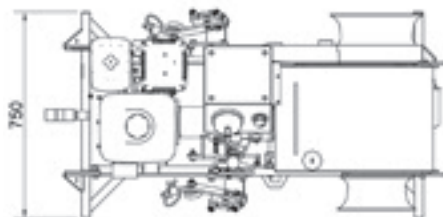
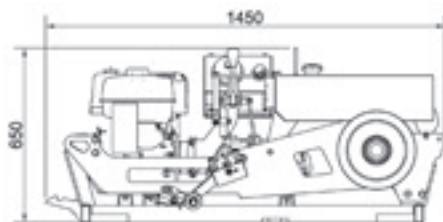
Petrol	(11,5 hp) 8,5 kW
Cooling	Air
Starter	Electrical

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Rope holder clamps for large-groove capstans
- Balanced top lifting point and anchoring attachments

Optional equipment

- 02-PW Trailer kit with rigid axle for manual towing
- 17-PW Special drum with automatic spooler device (rope capacity 200 m ø 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.



Performance

Max pull	15 kN
Max speed	70 m/min
Speed at max pull	25 m/min

Characteristics

Drum dimensions	ø 350 x 620 mm
Drum capacity	400 m rope ø 12 mm
Weight without rope	1260 kg

Engine

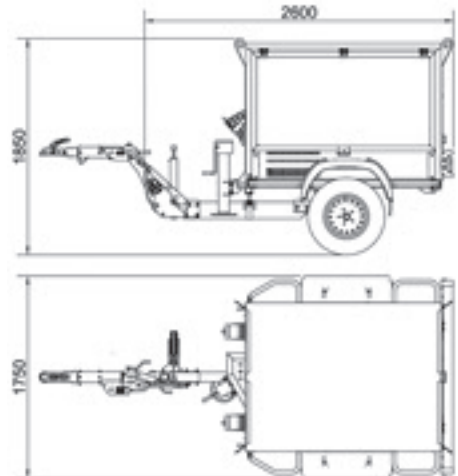
Diesel	(25 hp) 19 kW
Cooling	Liquid
Emission standard - [UE]2016/1628	Stage V

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- 300 m rope HMPE Ø 12 mm
- Remote control unit c/w console 5 m cable
- Front stabilizer jack
- Back support by adjustable mechanical sprag
- Metallic cover can be opened on three sides
- On board toolbox
- Road trailer kit 1350 kg capacity with height adjustable drawbars and jockey wheel
- Upper lifting attachment point balanced type and anchoring attachments

Optional equipment

- 04-PW Radio control unit
- 13-PW Pre-heater (up to -30°C)
- 30-PW Spare wheel
- 34-PW Pressure roller on the 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.



Performance

Max pull	30 kN
Max speed	65 m/min
Speed at max pull	18 m/min

Characteristics

Drum dimensions	ø 350/510 x 620 mm
Drum capacity	350 m rope ø 13 mm
Weight without rope	840 kg

Engine

Diesel	[25 hp] 19 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

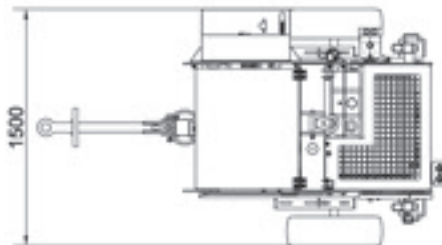
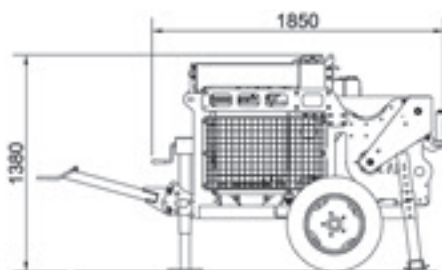
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Independent mechanical stabilizers (30 kg)
- Rigid axle with tyres for towing up to 30 km/h (76 kg)
- Balanced top lifting point and anchoring attachments

Optional equipment

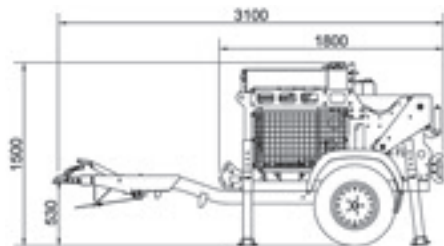
- 11-PW Road trailer kit (66 kg)
- 14-PW Large groove capstan 10 kN Capacity with rope-holder clamp (41 kg)

Special features upon request

- 03-PW Remote control unit c/w console 5 m cable (22 kg)
- 04-PW Radio control unit (10 kg)
- 13-PW Pre-heater (up to -30°C) (45 kg)



11-PW





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.



Performance

Max pull	55 kN
Max speed	85 m/min
Speed at max pull	15 m/min

Characteristics

Drum dimensions	ø 450/660 x 700 mm
Drum capacity	350 m rope 18 mm
Weight without rope	1100 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

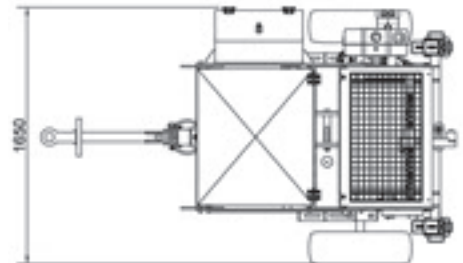
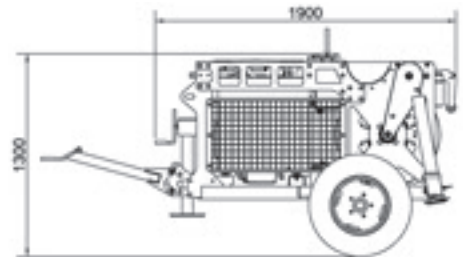
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Independent mechanical stabilizers (30 kg)
- Rigid axle with tyres for towing up to 30 km/h (76 kg)
- Balanced top lifting point and anchoring attachments

Optional equipment

- 11-PW Road trailer kit
- 14-PW Large groove capstan with rope-holder clamp
 - A - 10 kN Capacity
 - B - 30 kN Capacity

Special features upon request

- 03-PW Remote control unit c/w console 5 m cable (22 kg)
- 04-PW Radio control unit (10 kg)
- 36-PW Engine emission standard Stage IIIA - (36,5 hp) 27 kW



PULLER

107R1

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

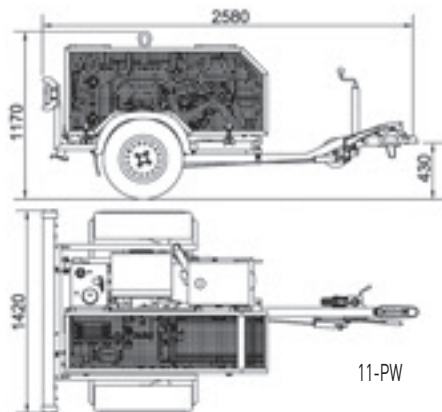


Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder with rope spooler device
- Manually detachable steel reel
- Front pulley roller guided device for underground cabling
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 11-PW Road trailer kit
- 18-PW Digital counter-meter device



Performance

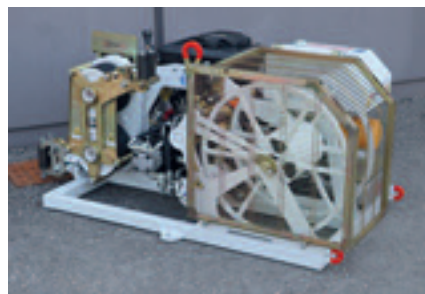
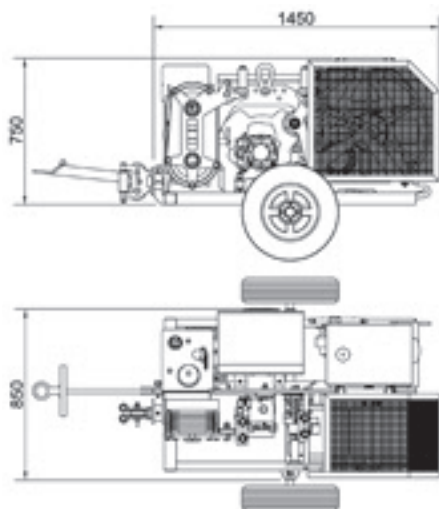
Max pull	15 kN
Max speed	4,5 km/h
Speed at max pull	1 km/h

Characteristics

Bull-wheels diameter	200 mm
Max rope diameter	10 mm
Steel reel dimension	ø 200 x 220 mm
Steel reel capacity	500 m rope ø 9 mm
Weight without rope	440 kg

Engine

Petrol	(18 hp) 13 kW
Cooling	Air
Starter	Electrical





107R2

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



Performance

Max pull	25 kN
Max speed	5 km/h
Speed at max pull	1 km/h

Characteristics

Bull-wheels diameter	250 mm
Max rope diameter	10 mm
Weight	950 kg

Engine

Diesel	(25 hp) 18,6 kW
Cooling	Liquid
Emission standard - [UE]2016/1628	Stage V

Standard features

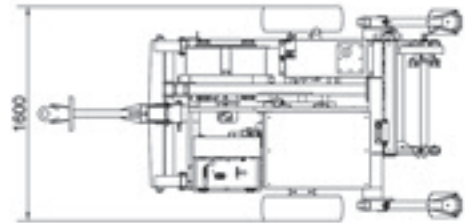
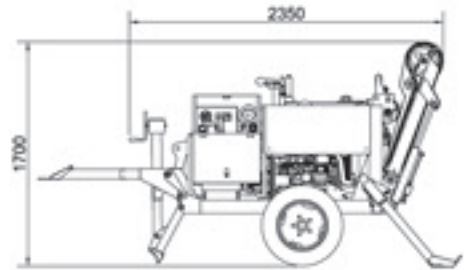
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100=1400 mm
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 06-PW Front pulley roller guided device for underground cabling (Telescopic rod cod. AT1.30 on request)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 03-PW Remote control unit c/w console 5 m cable
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control



PULLER

107R5

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



Performance

Max pull	50 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Characteristics

Bull-wheels diameter	400 mm
Max rope diameter	16 mm
Weight	2300 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

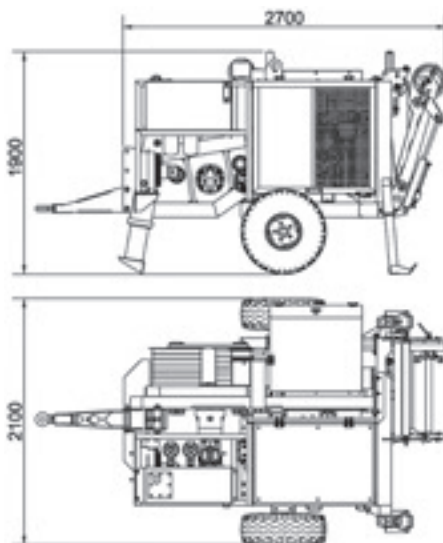
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 05-PW Rope holder clamp (hydraulic)
- 06-PW Roller guiding device for underground laying
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 04-PW Radio control unit
- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (85 hp) 63 kW





107R8

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



Performance

Max pull	90 kN
Max speed	5 km/h
Speed at max pull	2 km/h

Characteristics

Bull-wheels diameter	600 mm
Max rope diameter	24 mm
Weight	3400 kg

Engine

Diesel	(125 hp) 93 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage IIIA

Standard features

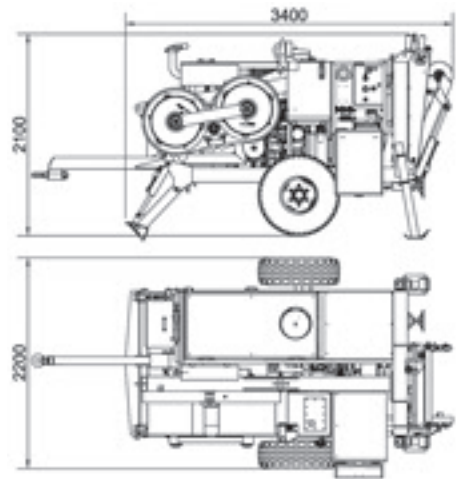
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 06-PW Roller guiding device for underground laying
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control



PULLER

107R10

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



Performance

Max pull	100 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Characteristics

Bull-wheels diameter	550 mm
Max rope diameter	22 mm
Weight	4250 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

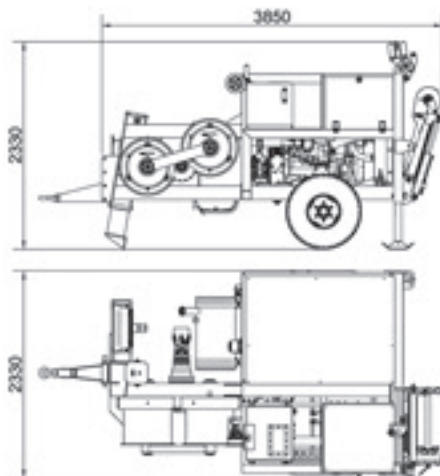
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Remote control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force 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).



Performance

Max pull	2x50 or 1x100 kN
Max speed	5 km/h
Speed at max pull	2 km/h

Characteristics

Bull-wheels diameter	550 mm
Max rope diameter	22 mm
Weight	5400 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V

Standard features

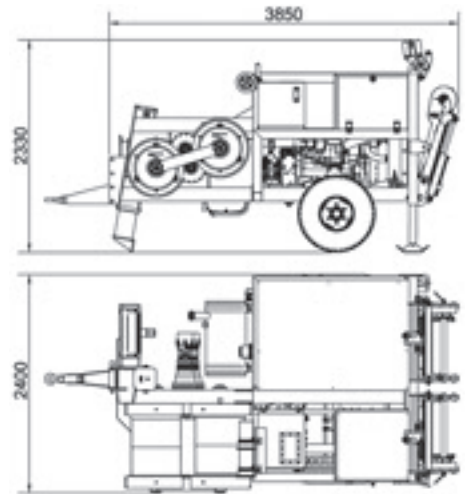
- 2 hydraulic circuits with negative brake system
- 2 dynamometers for direct reading of pulling value with load-limiter devices
- Thermally treated steel bull-wheels
- 2 automatic independent reel-winders for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (125 hp) 93 kW



PULLER

107R14

Hydraulic puller 140 kN capacity for single rope pulling on overhead stringing operations.



Performance

Max pull	140 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Characteristics

Bull-wheels diameter	600 mm
Max rope diameter	24 mm
Weight	4500 kg

Engine

Diesel	(218 hp) 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

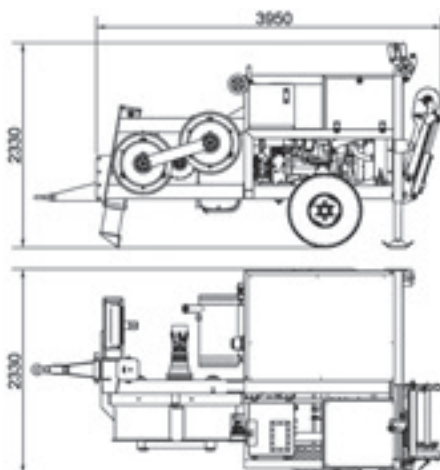
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (175 hp) 129 kW





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).



Performance

Max pull	2x75 or 1x150 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Characteristics

Bull-wheels diameter	600 mm
Max rope diameter	24 mm
Weight	6800 kg

Engine

Diesel	(218 hpl) 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

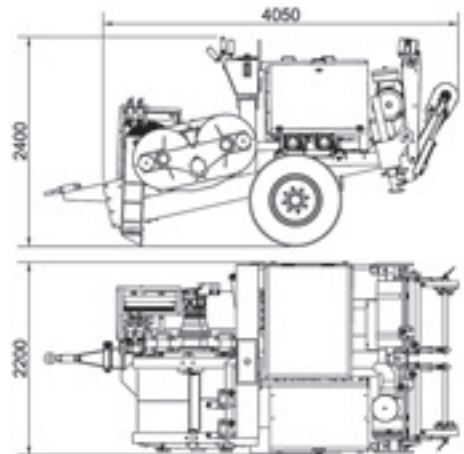
- 2 hydraulic circuits with negative brake system
- 2 dynamometers for direct reading of pulling value with load-limiter devices
- Thermally treated steel bull-wheels
- 2 automatic independent reel-winders for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (175 hp) 129 kW



PULLER

107R18

Hydraulic puller 190 kN capacity for single rope pulling on overhead stringing operations.



Performance

Max pull	190 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Characteristics

Bull-wheels diameter	700 mm
Max rope diameter	28 mm
Weight	7250 kg

Engine

Diesel	[286 hp] 210 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

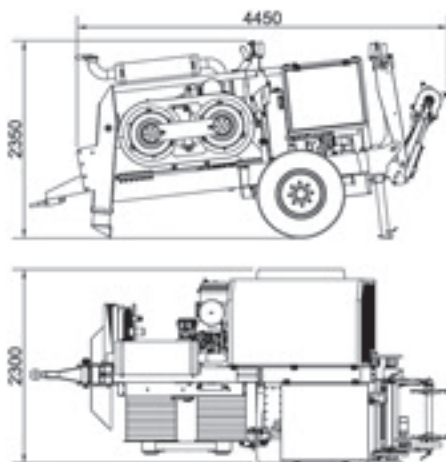
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Remote control unit c/w console 5 m cable
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 19-PW Built-in reel winder suitable for reels up to Ø 1900 mm
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (300 hp) 224 kW





107R24

Hydraulic puller 240 kN capacity for single rope pulling on overhead stringing operations.



Performance

Max pull	240 kN
Max speed	4,5 km/h
Speed at max pull	2,2 km/h

Characteristics

Bull-wheels diameter	800 mm
Max rope diameter	32 mm
Weight	9300 kg

Engine

Diesel	[365 hp] 272 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage IIIA

Standard features

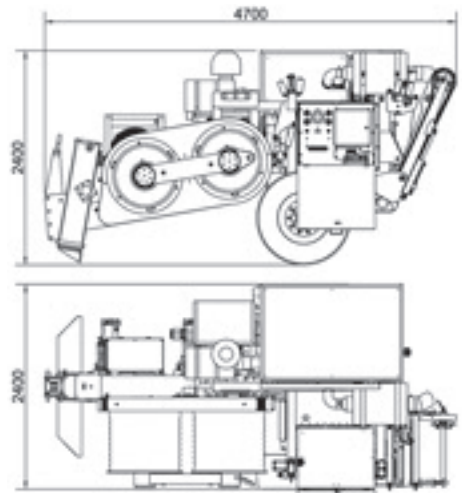
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device
- Dynamic speed pulling force control
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100÷1400 mm
- Remote control unit c/w console 5 m cable
- Front hydraulic stabilizer
- 2 back hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PW Preset for digital data recorder, counter-meter and speedometer
- 04-PW Radio control unit
- 05-PW Rope holder clamp (hydraulic)
- 07-PW Hydraulic power take-off for remote reel-winder

Special features upon request

- 13-PW Pre-heater (up to -30°C)
- 18-PW Counter-meter device
- 35-PW Engine emission standard Stage V - (272 hp) 210 kW



TENSIONER

P062.11

Inactive hydraulic tensioner 25 kN capacity for single conductor stringing operations.



Performance

Max tension	25 kN
Max speed	5 km/h

Characteristics

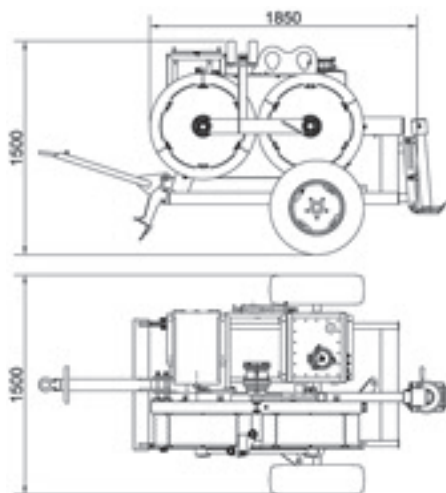
Adherence-wheels diameter	660 mm
Max conductor diameter	23 mm
Weight	785 kg
Weight without transport kit	700 kg

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of tensioning force
- 1 counter-meter device
- Adherence wheels with interchangeable adiprene liners
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

14-PT Thermally treated steel adherence wheels





P152.11

Inactive hydraulic tensioner 25 kN capacity for single conductor and OPGW cable stringing operations.



Performance

Max tension	25 kN
Max speed	5 km/h

Characteristics

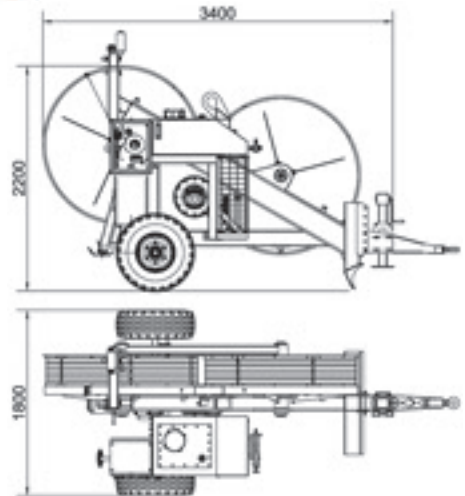
Adherence-wheels diameter	1500 mm
Max conductor diameter	40 mm
Weight	2450 kg

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of tensioning force
- 1 counter-meter device
- Adherence wheels with interchangeable nylon liners
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

14-PT Thermally treated steel adherence wheels



TENSIONER

P155.11

Inactive hydraulic tensioner 50 kN capacity for single conductor and OPGW cable stringing operations.



Performance

Max tension	50 kN
Max speed	5 km/h

Characteristics

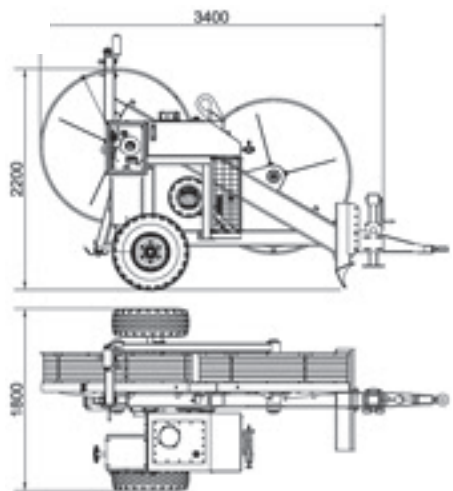
Adherence-wheels diameter	1500 mm
Also available with diameter	1200 mm
Max conductor diameter	40 mm
Weight	2950 kg

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of tensioning
- 1 counter-meter device
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 14-PT Thermally treated steel adherence wheels





P1510.12

Inactive hydraulic tensioner 100 kN capacity for single/double conductors and OPGW cable stringing operations.



Performance

Max tension	100 kN
Max speed	5 km/h

Characteristics

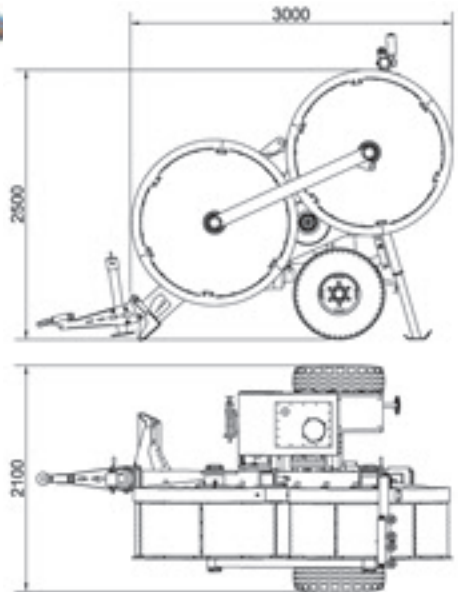
Adherence-wheels diameter	1500 mm
Also available with diameter	1200 mm
Max conductor diameter	40 mm
Weight	3500 kg

Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of tensioning force
- 1 counter-meter device
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 14-PT Thermally treated steel adherence wheels



TENSIONER - PULLER

FA155.11

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



Tensioner performance

Max tension	50 kN
Max speed	5 km/h

Pull-back performance

Max pull	50 kN
Max speed	1 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1200 or 1800 mm
Max conductor diameter	40 mm
Weight	3500 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

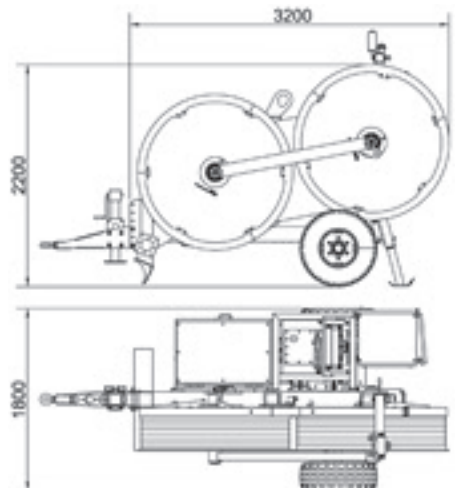
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller - mode)
- 1 counter-meter device
- 1 set of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 40-PT Kit for 2 bundle conductors max \varnothing 29 mm
- 42-PT Engine emission standard Stage IIIA - (36,5 hp) 27 kW





FA1510.12

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



Tensioner performance

Max tension	100 kN
Max speed	5 km/h

Pull-back performance

Max pull	100 kN
Max speed	0,6 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1200 or 1800 mm
Max conductor diameter	40 mm
Weight	4100 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - [UE]2016/1628	Stage V

Standard features

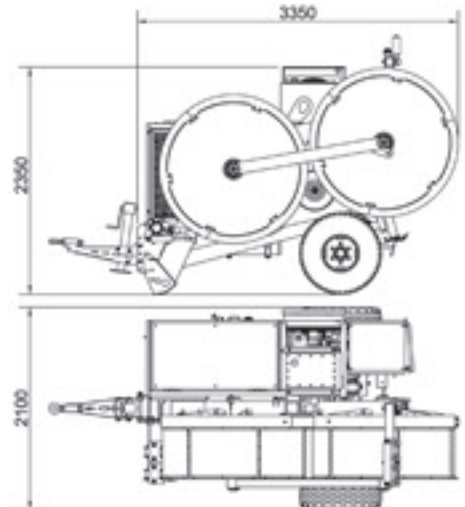
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller - mode)
- 1 counter-meter device
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (36,5 hp) 27 kW



TENSIONER - PULLER

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.



Tensioner performance

Max tension	2x50 or 1x100 kN
Max speed	5 km/h

Pull-back performance

Max pull	2x50 or 1x100 kN
Max speed	1 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	7700 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V

Standard features

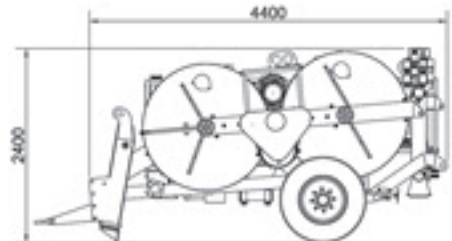
- 2 hydraulic circuits with negative brake system
- Mechanical capstans coupling
- 2 dynamometers for direct reading of pulling value with load-limiter device (puller-mode)
- 2 counter-meter devices
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed) for 1 circuit
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 05-PT Additional hydraulic power take-off on reel-winder circuit
- 16-PT Mechanical Adherence-wheels coupling system by clutch
- 20-PT Pre-heater (up to -30°C)
- 21-PT Additional gear box (2 speed)
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW





FA1514.14

Hydraulic tensioner-puller 140 kN capacity for stringing of up to 4 bundled conductors.



Tensioner performance

Max tension	140 kN
Max speed	5 km/h

Pull-back performance

Max pull	140 kN
Max speed	0,7 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	8800 kg

Engine

Diesel	(73 Hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V

Standard features

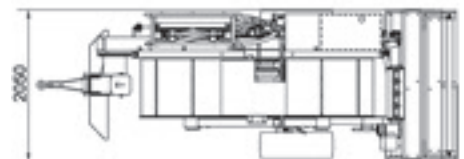
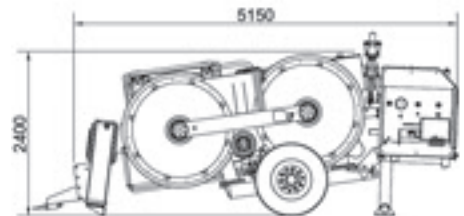
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller - mode)
- 1 counter-meter device
- 4 set of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW



TENSIONER – PULLER

FA1518.14

Hydraulic tensioner-puller 180 kN capacity for stringing of up to 4 bundled conductors.



Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 05-PT Additional set of hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)
- 40-PT Kit 24 grooves for Hexa bundle conductors max Ø 29 mm
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW

Tensioner performance

Max tension	180 kN
Max speed	5 km/h

Pull-back performance

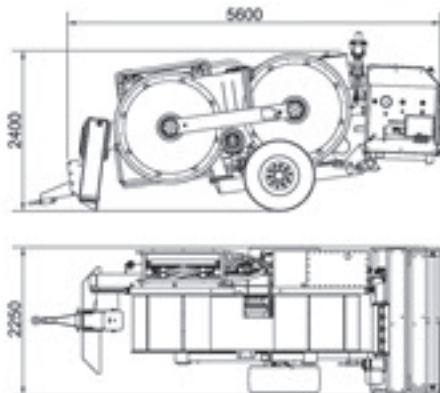
Max pull	150 kN
Max speed	0,6 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	42 mm
Weight	11000 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V





FA159.24

Hydraulic tensioner-puller with two independent hydraulic circuits, 2x90kN capacity for single or simultaneous stringing of up to 4 bundled conductors.



Tensioner performance

Max tension	2x90 kN
Max speed	5 km/h

Pull-back performance

Max pull	2x90 kN
Max speed	0,6 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	11900 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V

Standard features

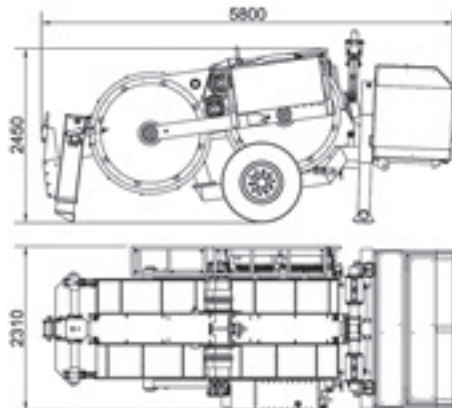
- 2 hydraulic circuits with negative brake system
- 2 dynamometers for direct reading of pulling value with load-limiter device (puller-mode)
- 2 counter-meter devices
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 18-PT Multiple connection preset

Special features upon request

- 16-PT Mechanical adherence-wheels coupling system by clutch
- 20-PT Pre-heater (up to -30°C)
- 40-PT Kit 12+12 grooves for Hexa bundle conductors max Ø 29 mm
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW



TENSIONER - PULLER

FA154.44

Hydraulic tensioner-puller with 4 independent hydraulic circuits, 4x45kN or 2x90kN capacity for single or simultaneous stringing operation of up to 4 bundled conductors.



Standard features

- 4 hydraulic circuits with negative brake system
- Mechanical capstans coupling
- 4 dynamometers for direct reading of pulling value with load-limiter device (puller-mode)
- 4 counter-meter devices
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels

Special features upon request

- 16-PT Mechanical Adherence-wheels coupling system by clutch
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW

Tensioner performance

Max tension	4x45 or 2x90 kN
Max speed	5 km/h

Pull-back performance

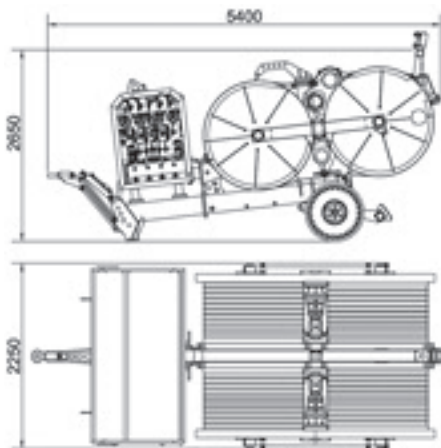
Max pull	4x45 or 2x90 kN
Max speed	0,5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Max conductor diameter	40 mm
Weight	11500 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V





AF062.11

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



Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 1 sets of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stands or 1 reel-winder unit
- Dismountable in 2 heli-portable parts < 1100 kg each
- Reel-winder suitable for steel reel 1100-1400 mm (240 kg)
- Thermally treated steel adherence wheels
- Rear independent mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h (70 kg)
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 03-PT Remote control unit c/w console 5 m cable
- 04-PT Radio control unit
- 08-PT Conductor/rope holder clamp (hydraulic)
- 34-PT Adherence wheels with interchangeable adiprene liners

Special features upon request

- 02-PT Dynamic speed pulling force control
- 13-PT Road trailer kit
- 20-PT Pre-heater (up to -30°C)
- 26-PT Puller version

Puller performance

Max pull	25 kN
Max speed	3,2 km/h
Speed at max pull	1,2 km/h

Tensioner performance

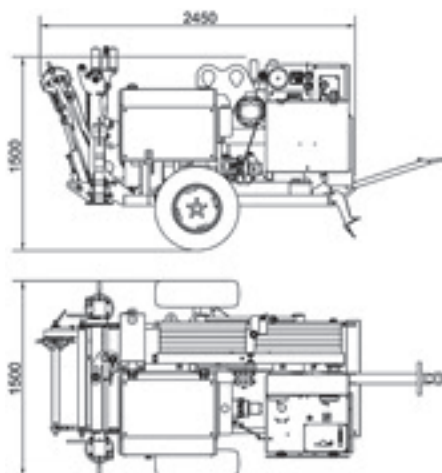
Max tension	25 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	660 mm
Max conductor diameter	23 mm
Max rope diameter	18 mm
Weight	1400 kg

Engine

Diesel	(25 hp) 19 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V



PULLER - TENSIONER

AF152.11

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



Puller performance

Max pull	25 kN
Max speed	5 km/h
Speed at max pull	2 km/h

Tensioner performance

Max tension	25 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Max conductor diameter	40 mm
Max rope diameter	18 mm
Weight	2850 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

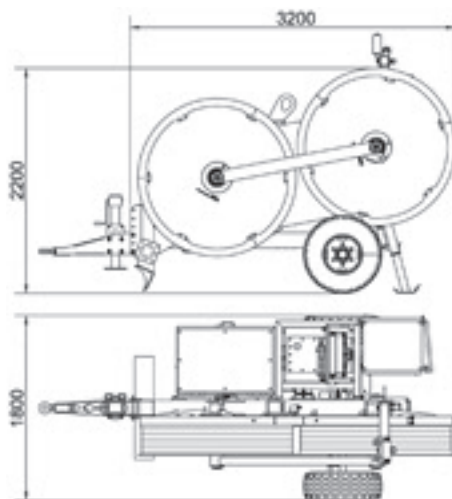
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 1 sets of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stand or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 03-PT Remote control unit c/w console 5 m cable
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 20-PT Pre-heater (up to -30°C)
- 29-PT Front hydraulic stabilizer
- 42-PT Engine emission standard Stage IIIA - (36,5 hp) 27 kW





AF155.11

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



Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 1 set of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stand or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed)
- Remote control unit c/w console 5 m cable
- Mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 17-PT Built-in reel winder suitable for reels 1100-1400 mm
- 20-PT Pre-heater (up to -30°C)
- 40-PT Kit 8 grooves for 2 bundle conductors max \varnothing 29 mm
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW

Puller performance

Max pull	50 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Tensioner performance

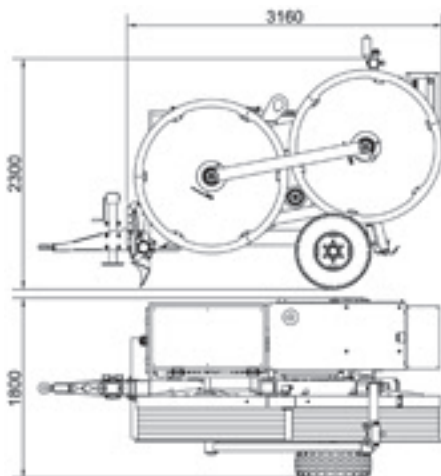
Max tension	50 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1200 or 1800 mm
Max conductor diameter	40 mm
Max rope diameter	18 mm
Weight	3650 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V



PULLER - TENSIONER

AF158.12

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



Puller performance

Max pull	90 kN
Max Speed	5 km/h
Speed at max pull	2,2 km/h

Tensioner performance

Max tension	90 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1200 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	5000 kg

Engine

Diesel	(125 hp) 93 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage IIIA

Standard features

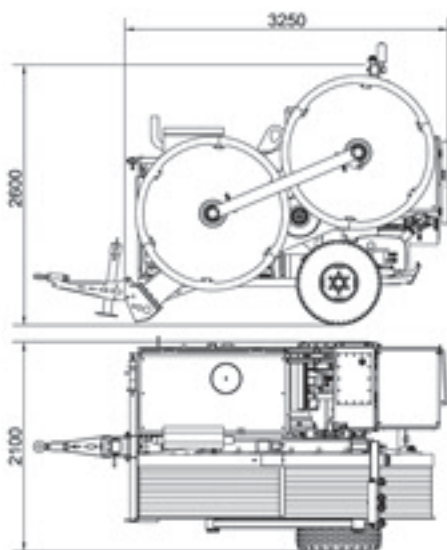
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed)
- Remote control unit c/w console 5 m cable
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)





AF1510.12

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



Puller performance

Max pull	100 kN
Max Speed	5 km/h
Speed at max pull	2,4 km/h

Tensioner performance

Max tension	100 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	5100 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

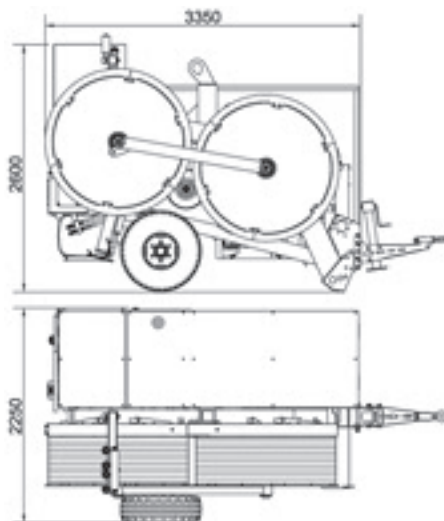
- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed)
- Remote control unit c/w console 5 m cable
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)



PULLER - TENSIONER

AF155.22

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



Standard features

- 2 hydraulic circuits with negative brake system
- Mechanical capstans coupling
- 2 dynamometers for direct reading of pulling value with load-limiter devices (puller-mode)
- 2 counter-meter devices
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed) for 1 circuit
- Remote control unit c/w console 5 m cable
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 16-PT Mechanical adherence-wheels coupling system by clutch
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off on reel-winder circuit
- 20-PT Pre-heater (up to -30°C)
- 21-PT Additional gear box (2 speed)
- 42-PT Engine emission standard Stage IIIA - (125 hp) 93 kW

Puller performance

Max pull	2x50 or 1x100 kN
Max speed	5 km/h
Speed at max pull	2 km/h

Tensioner performance

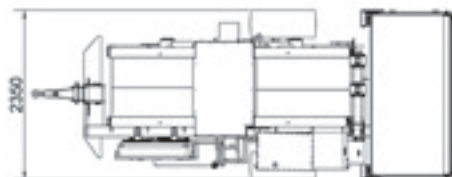
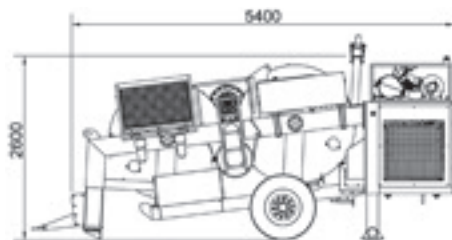
Max tension	2x50 or 1x100 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	7100 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V





AF1514.14

Hydraulic puller-tensioner 140 kN capacity for stringing of up to 4 bundled conductors.



Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 4 sets of quick release hydraulic connectors to feed up to 4 remote reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Remote control unit c/w console 5 m cable
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (175 hp) 129 kW

Puller performance

Max pull	140 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Tensioner performance

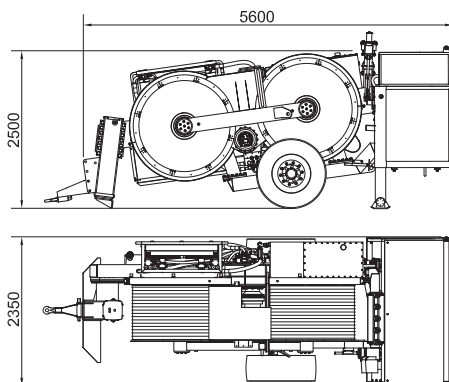
Max tension	140 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	9200 kg

Engine

Diesel	(218 hp) 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V



PULLER - TENSIONER

AF157.24

Hydraulic puller-tensioner with two independent hydraulic circuits, 2x75 kN or 1x150 kN capacity for stringing of up to 4 bundled conductors as well as OPGW cable.



Standard features

- 2 hydraulic circuit with negative brake system
- Mechanical capstans coupling
- 2 dynamometers for direct reading of pulling value with load-limiter devices (puller-mode)
- 2 counter-meter device
- 4 sets of quick release hydraulic connectors to feed up to 4 remote reel-stands or 1 reel-winder units
- Thermally treated steel adherence wheels
- Gear box (2 speed) for 1 circuit
- Remote control unit c/w console 5 m cable
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 16-PT Mechanical adherence-wheels coupling system by clutch

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)
- 21-PT Additional gear box (2 speed)
- 42-PT Engine emission standard Stage IIIA - (175 hp) 129 kW

Puller performance

Max pull	2x75 or 1x150 kN
Max speed	5 km/h
Speed at max pull	2 km/h

Tensioner performance

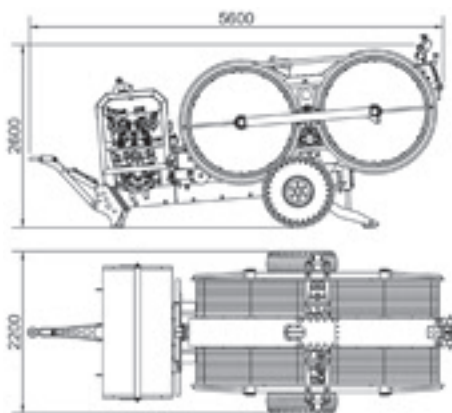
Max tension	2x75 or 1x150 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	28 mm
Weight	8800 kg

Engine

Diesel	(218 hp) 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V





AF1518.14

Hydraulic puller-tensioner 180 kN capacity stringing of up to 4 bundled conductors.



Standard features

- 1 hydraulic circuit with negative brake system
- 1 dynamometer for direct reading of pulling value with load-limiter device (puller-mode)
- 1 counter-meter device
- 4 sets of quick release hydraulic connectors to feed up to 4 remote reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Remote control unit c/w console 5 m cable
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset

Special features upon request

- 02-PT Dynamic speed pulling force control
- 05-PT Additional hydraulic power take-off for reel-winder unit
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (300 hp) 224 kW

Puller performance

Max pull	180 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Tensioner performance

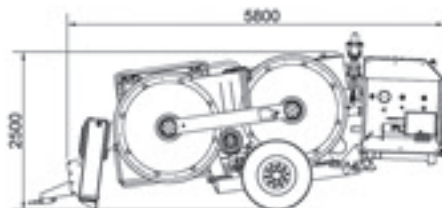
Max tension	180 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	42 mm
Max rope diameter	28 mm
Weight	12000 kg

Engine

Diesel	(286 hp) 210 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V



PULLER - TENSIONER

AF154.44

Hydraulic puller-tensioner with four independent hydraulic circuits, 4x45 kN or 2x90 kN capacity for single or simultaneous stringing of up to 4 bundled conductors as well as OPGW cable.



Puller performance

Max pull	4x45 or 2x90 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Tensioner performance

Max tension	4x45 or 2x90 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Max conductor diameter	40 mm
Max rope diameter	28 mm
Weight	16500 kg

Engine

Diesel	(286 hp) 210 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

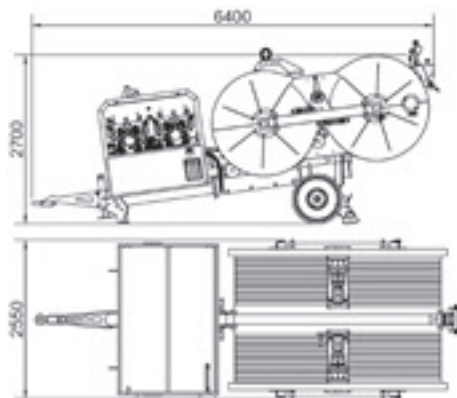
- 4 hydraulic circuits with negative brake system
- Mechanical capstans coupling
- 4 dynamometers for direct reading of pulling value with load-limiter devices (puller-mode)
- 4 counter-meter devices
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed) for 1 circuit
- Remote control unit c/w console 5 m cable
- Hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 01-PT Preset for digital data recorder, counter-meter and speedometer
- 04-PT Radio control unit
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 16-PT Mechanical adherence-wheels coupling system by clutch

Special features upon request

- 02-PT Dynamic speed pulling force control
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (300 hp) 224 kW





D107R2

Digital hydraulic puller 25 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



Performance

Max pull	25 kN
Max speed	5 km/h
Speed at max pull	1 km/h

Characteristics

Bull-wheels diameter	250 mm
Max rope diameter	10 mm
Weight	1050 kg

Engine

Diesel	[25 hp] 18,6 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

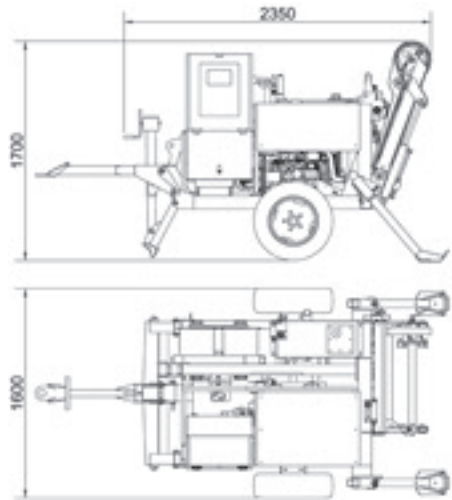
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PW Radio control unit with display
- 06-PW Front pulley roller guided device for underground cabling [Telescopic rod cod. AT1.30 on request]
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 20-PW Dynamic speed pulling force control



DIGITAL PULLER

D107R5

Digital hydraulic puller 50 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



Performance

Max pull	50 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Characteristics

Bull-wheels diameter	400 mm
Max rope diameter	16 mm
Weight	2300 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

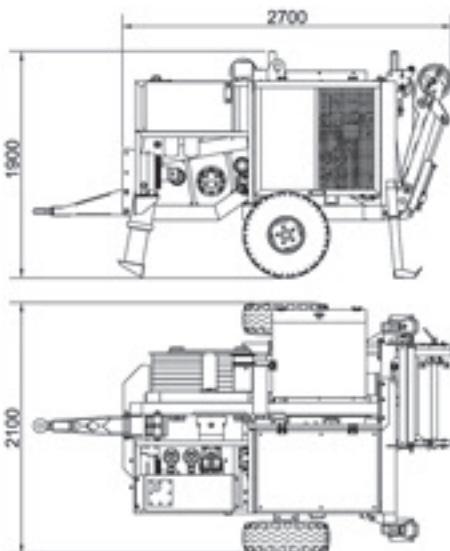
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100÷1400 mm
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PW Radio control unit with display
- 06-PW Front pulley roller guided device for Underground cabling
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (85 hp) 63,5 kW





D107R10

Digital hydraulic puller 100 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.

Performance

Max pull	100 kN
Max Speed	5 km/h
Speed at max pull	2,1 km/h

Characteristics

Bull-wheels diameter	550 mm
Max rope diameter	22 mm
Weight	4250 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V



Standard features

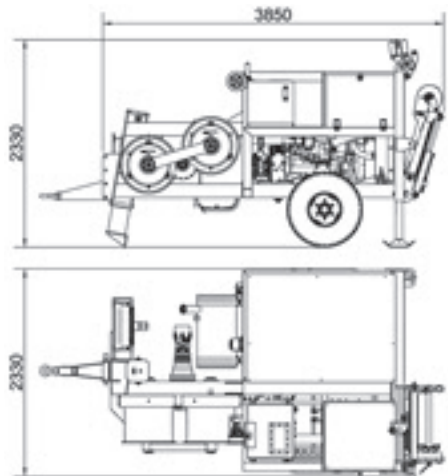
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PW Radio control unit with display
- 06-PW Front pulley roller guided device for Underground cabling
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (125 hp) 92 kW



DIGITAL PULLER

D107R14

Digital hydraulic puller 140 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



Performance

Max pull	140 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Characteristics

Bull-wheels diameter	600 mm
Max rope diameter	24 mm
Weight	4500 kg

Engine

Diesel	[218 hp] 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

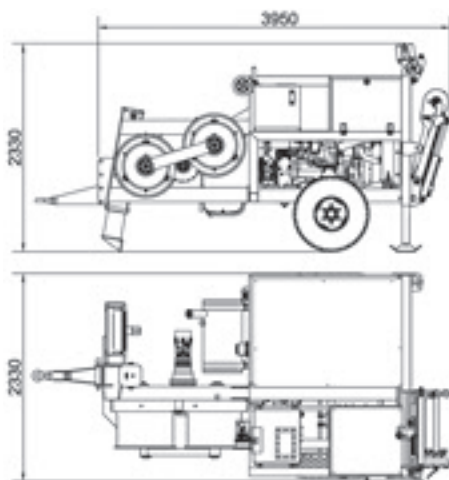
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100÷1400 mm
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PW Radio control unit with display
- 06-PW Front pulley roller guided device for Underground cabling
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (175 hp) 129 kW





D107RS3

Self propelled hydraulic puller 35 kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



Performance

Max pull	35 kN
Max speed	5,1 km/h
Speed at max pull	1,5 km/h

Characteristics

Bull-wheels diameter	300 mm
Max rope diameter	13 mm
Weight	1750 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

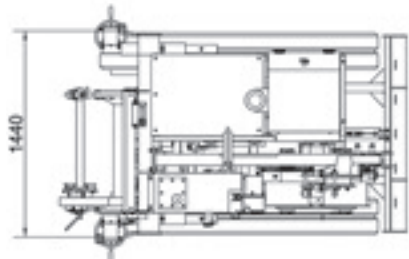
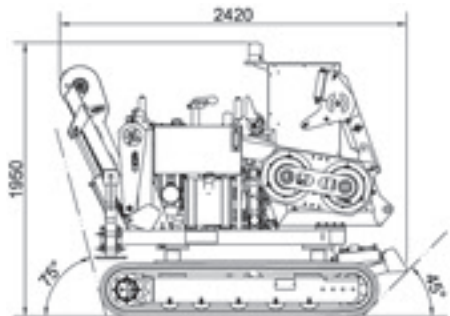
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100-1400 mm
- Mechanical back stabilizers and front plough
- Tracked undercarriages
- Balanced top lifting point and anchoring attachments

Optional equipment

- 06-PW Front pulley roller guided device for underground cabling
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 14-PW Large groove capstan with rope holder clamp
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (36,5 hp) 27 kW



DIGITAL PULLER

D107RS6

Digital self-propelled hydraulic puller 70kN capacity for single rope pulling on overhead stringing operations as well as underground cabling.



Performance

Max pull	70 kN
Max speed	5 km/h
Speed at max pull	1 km/h
Speed at 50 kN	2 km/h

Characteristics

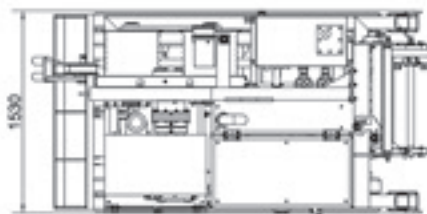
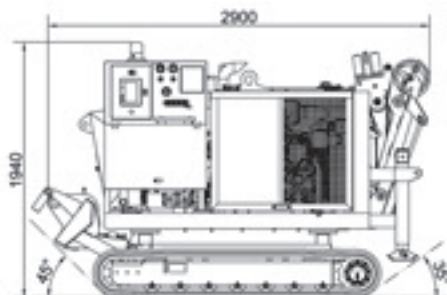
Bull-wheels diameter	400 mm
Max rope diameter	16 mm
Weight	3250 kg

Engine

Diesel	(73 Hp) 54 kW
Cooling	Liquid
Emission standard (UE)2016/1628	Stage V

Standard features

- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Thermally treated steel bull-wheels
- Automatic reel-winder suitable for steel reel 1100÷1400 mm
- Tracked undercarriage
- Balanced top lifting point and anchoring attachments



Optional equipment

- 06-PW Front pulley roller guided device for underground cabling
- 07-PW Hydraulic power take-off for remote reel-winder
- 28-PW T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PW Rope holder clamp (hydraulic)
- 13-PW Pre-heater (up to -30°C)
- 20-PW Dynamic speed pulling force control
- 36-PW Engine emission standard Stage IIIA - (85 hp) 63,5 kW





FAD155.11

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



Tensioner performance

Max tension	50 kN
Max speed	5 km/h

Pull-back performance

Max pull	50 kN
Max speed	1 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	3200 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

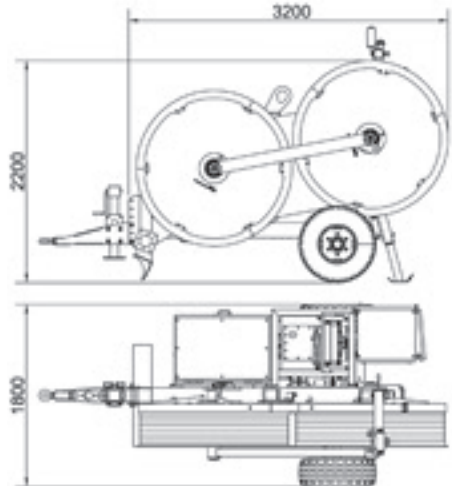
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- 1 sets of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stand or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Rear independent hydraulic stabilizers
- Rigid axle with tires for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 18-PT Multiple connection preset
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PT Additional hydraulic power take-off on reel-winder circuit
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (36,5 hp) 27 kW



DIGITAL TENSIONER - PULLER

FAD1510.12

Digital hydraulic tensioner-puller 100 kN capacity for single/double conductors and OPGW cable stringing operations.



Tensioner performance

Max tension	100 kN
Max speed	5 km/h

Pull-back performance

Max pull	100 kN
Speed at max pull	0,6 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	4100 kg

Engine

Diesel	(36,5 hp) 27 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

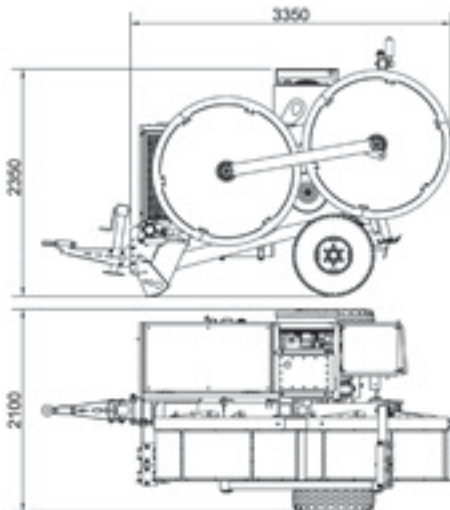
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Gear box (2 speed)
- Mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PT Additional hydraulic power take-off on reel-winder circuit
- 18-PT Multiple connection preset
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (36,5 hp) 27 kW





FAD1514.14

Digital hydraulic tensioner-puller 140 kN capacity for stringing of up to 4 bundled conductors.



Tensioner performance

Max tension	140 kN
Max speed	5 km/h

Pull-back performance

Max pull	140 kN
Speed at max pull	0,7 km/h

Characteristics

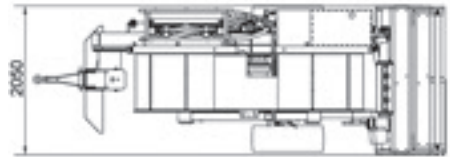
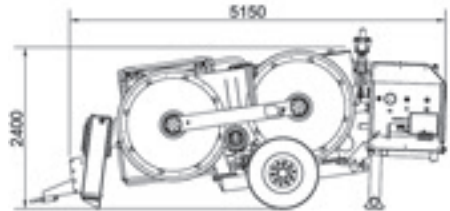
Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Weight	9000 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Adherence wheels with interchangeable nylon liners
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments



Optional equipment

- 04-PT Radio control unit with display
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 14-PT Thermally treated steel adherence wheels
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 05-PT Additional hydraulic power take-off on reel-winder circuit
- 18-PT Multiple connection preset
- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63 kW



DIGITAL PULLER - TENSIONER

AFD086.12

Self-propelled hydraulic puller-tensioner 70 kN capacity for single/double conductors stringing operations.



Standard features

- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Dynamic speed pulling force control
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Hydraulic back stabilizers and front plough
- Tracked undercarriages
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display HMI 4"
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard IIIA - (85 hp) 63 kW



Puller performance

Max pull	70 kN
Max speed	5 km/h
Speed at max pull	1 km/h
Speed at 50 kN	2 km/h

Tensioner performance

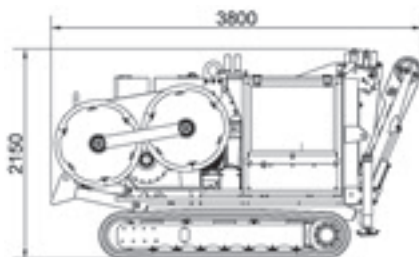
Max tension	70 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	800 mm
Max conductor diameter	40 mm
Max rope diameter	18 mm
Weight	5000 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V





AFD155.11

Digital hydraulic puller-tensioner 50 kN capacity for single conductors as well as OPGW stringing operations.



Puller performance

Max pull	50 kN
Max speed	5 km/h
Speed at max pull	2,1 km/h

Tensioner performance

Max tension	50 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1200 or 1800 mm
Max conductor diameter	40 mm
Max rope diameter	18 mm
Weight	3500 kg

Engine

Diesel	(73 hp) 54 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V

Standard features

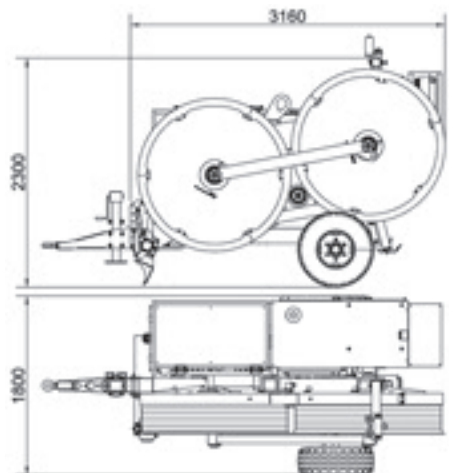
- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Dynamic speed pulling force control
- 1 sets of quick-release hydraulic connectors to drive up to 1 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed)
- Mechanical stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display HMI 4"
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 17-PT Built-in reel winder suitable for reels 1100-1400 mm
- 20-PT Pre-heater (up to -30°C)
- 40-PT Kit for 2 bundle conductors max \varnothing 29 mm
- 42-PT Engine emission standard Stage IIIA - (85 hp) 63,5 kW



DIGITAL PULLER - TENSIONER

AFD1510.12

Digital hydraulic puller-tensioner 100 kN capacity for single/double conductors as well as OPGW stringing operations.



Standard features

- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours.
- USB output for pulling data recording
- Radio control unit
- Dynamic speed pulling force control
- 2 sets of quick-release hydraulic connectors to drive up to 2 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Gear box (2 speed)
- Rear hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display HMI 4"
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable Nylon liners
- 18-PT Multiple connection preset
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (125 hp) 93 kW



Puller performance

Max pull	100 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Tensioner performance

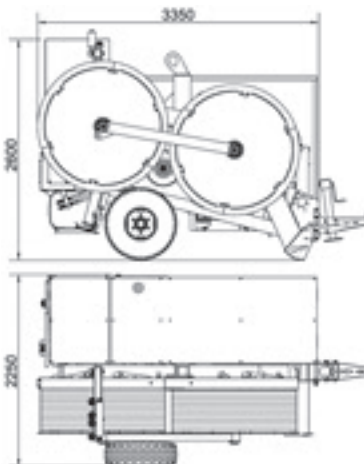
Max tension	100 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	5100 kg

Engine

Diesel	(143 hp) 105 kW
Cooling	Liquid
Emission standard - [UE]2016/1628	Stage V





AFD1514.14

Digital hydraulic puller-tensioner 140 kN capacity for stringing of up to 4 bundled conductors.



Standard features

- 1 hydraulic circuit with negative brake system
- Control panel equipped with LCD touch screen 7" display which includes: preset for the maximum pulling force and instant indication, counter-meter, speed indicator and worked hours
- USB output for pulling data recording
- Radio control unit
- Dynamic speed pulling force control
- 4 sets of quick-release hydraulic connectors to drive up to 4 hydraulic driven reel-stands or 1 reel-winder unit
- Thermally treated steel adherence wheels
- Rear independent hydraulic stabilizers
- Rigid axle with tyres for towing up to 30 km/h
- Balanced top lifting point and anchoring attachments

Optional equipment

- 04-PT Radio control unit with display HMI 4"
- 07-PT Hydraulic power take-off for press
- 08-PT Conductor/rope holder clamp (hydraulic)
- 15-PT Adherence wheels with interchangeable nylon liners
- 18-PT Multiple connection preset
- 37-PT T4L remote monitoring system with GPS geolocation

Special features upon request

- 20-PT Pre-heater (up to -30°C)
- 42-PT Engine emission standard Stage IIIA - (175 hp) 129 kW



Puller performance

Max pull	140 kN
Max speed	5 km/h
Speed at max pull	2,2 km/h

Tensioner performance

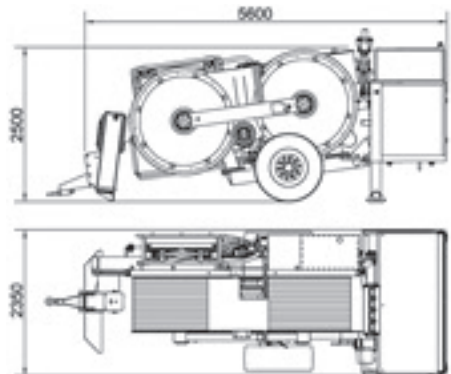
Max tension	140 kN
Max speed	5 km/h

Characteristics

Adherence-wheels diameter	1500 mm
Also available with diameter	1800 mm
Max conductor diameter	40 mm
Max rope diameter	24 mm
Weight	9200 kg

Engine

Diesel	[218 hp] 160 kW
Cooling	Liquid
Emission standard - (UE)2016/1628	Stage V



TRACTION UNIT

101RBT

Remote controlled unit for reconductoring, ground wire/OPGW replacement and for conductor's protection system installation. Suitable also for LIVE LINE activities.



Performance

Traction capacity	1,5 kN
Speed	20 m/min
Weight	53 kg

With 24 V cc motors (Optional)

Traction capacity	1,2 kN
Speed	25 m/min
Weight	55 kg

Wheels

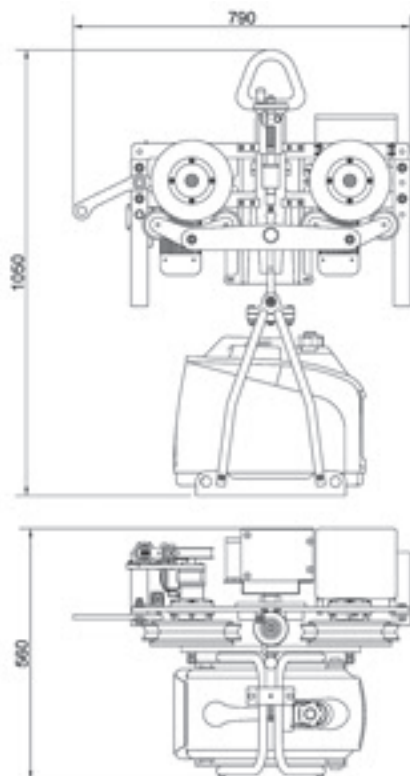
Transtation wheels	Ø 150 x 38 mm
Contrast wheels	Ø 52,5 x 38 mm

Gasoline generator configuration

- Translation by means of rubber coated wheels for conductor diameter from 12 to 36 mm, able to pass-over on the middle span joint up to 44 mm (hexagonal)
- Adjustable contrast aluminium wheels
- Stationary mechanical brake system
- 2 on board electrical motors 230 V AC powered from a gasoline electric generator
- Remote wireless control IP67
- Towing and balanced lifting points

Gasoline generator configuration

AT101RBT-001 2 electrical motors 24 V CC powered from rechargeable batteries (charger included)





The traditional production is completed by special products made according to specific customer needs.

It includes self-propelled winches, dismantlable winches and winches powered by electric engines.

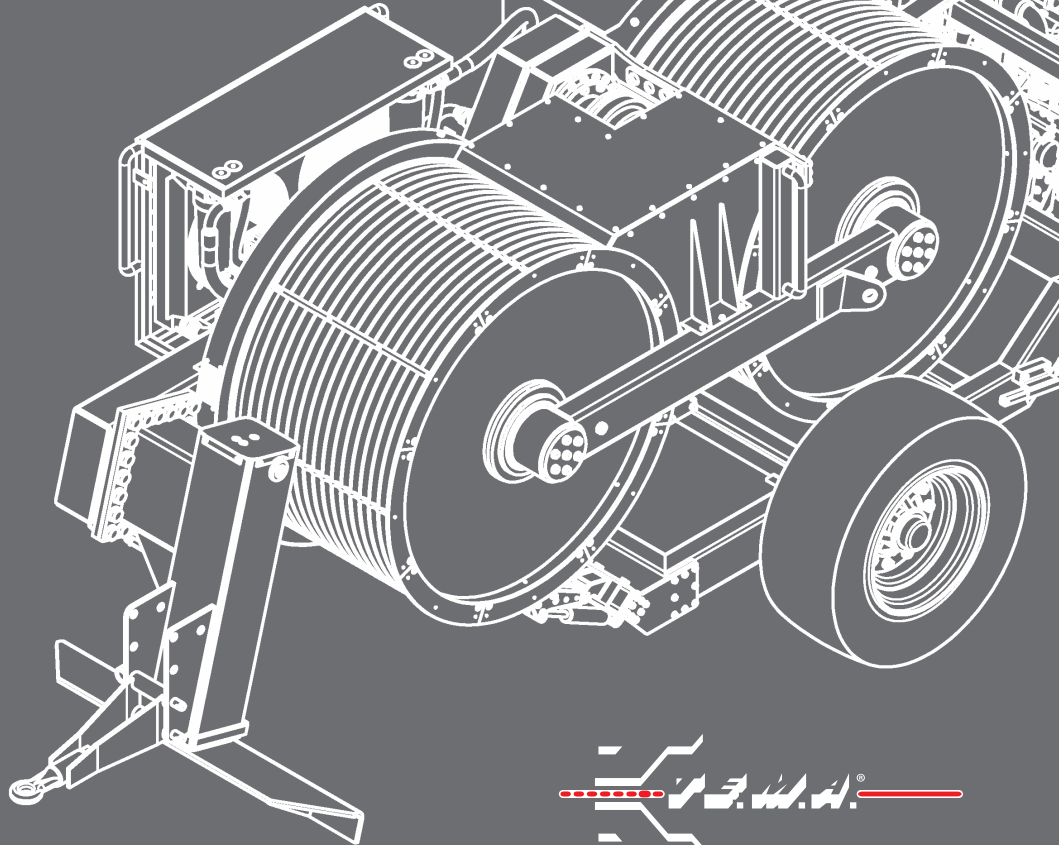
SPECIAL MACHINES



Self-propelled puller 35 kN



Dismountable puller 70 kN



Self-propelled puller-tensioner 70 kN



Dismountable puller-tensioner 70 kN