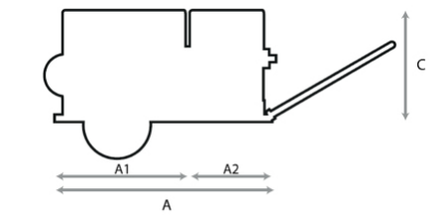
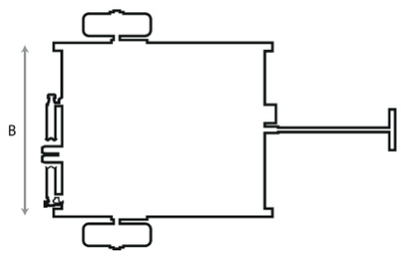
2

HYDRAULIC
SERVICE WINCHES

HYDRAULIC WINCH

F202.P.08 max pull 8 kN





Hydraulic winch fit to pull one rope in service operations and laying underground cables. The winch can be disassemble into two parts. One closed hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

- Steel drum with idle device to rotate the drum freely.
- Automatic swinging rope winder, fit to stratify 6-mm diameter rope.
- Dynamometer for reading the pull force.
- Gear box.
- Removable wheels and drawbar for hand moving.
- Removable protective frame made of tubular steel.
- Fittings for anchoring the machine.
- Fittings for anchoring the machine.
- Rope-driver roller fit for vertical and horizontal pull.

OPTIONAL DEVICES

027 Metallic coverage with doors.
028.3 Air cooled diesel engine with electric starting and battery 12 V.
090 Monophase electric motor 220 V.

FEATURES OF THE DRUM	
Bottom diameter	100 m
Dimensions AxBxC	0,88x0,43x0,66 m
Weight (without rope)	120 kg
DRUM CAPACITY	
Rope Ø6 mm	200 m
ELECTRIC MOTOR	
Feeding three-phase	200/380 V - 50 Hz
Power	2,4 hp / 1,8 kW
Cooling	air
Protection	IP55
PULL PERFORMANCES	
on the middle layer of rope	
Max pull	8 kN
Speed at max pull	6 m/min
Max speed	30 m/min
Speed at max pull	2 kN
DIMENSIONS OF THE MODULES	
pulling module	
Dimensions LxWxH	0,54x0,43x0,66 m
Weight	65 kg
módulo motor	
Dimensions LxWxH	0,34x0,43x0,66 m
Weight	55 kg

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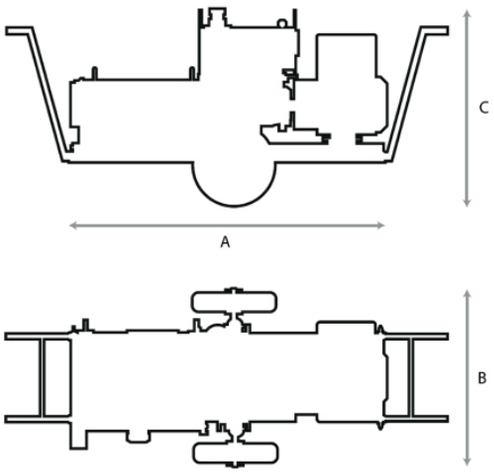
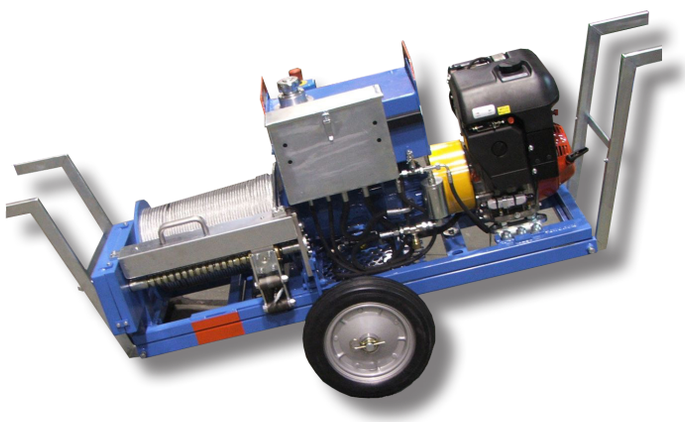
HYDRAULIC WINCH

F203.10 max pull 10 kN





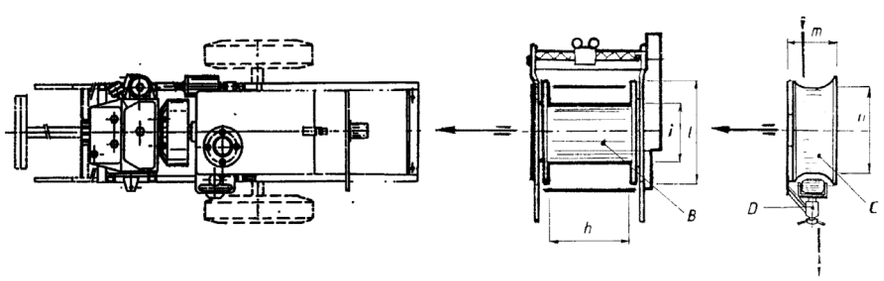
Hydraulic winch fit to pull one rope in service operations such as setting-ups and adjustment of transmission lines and underground cables laying. The winch can be disassembled in to three parts.
One closed hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

- Steel drum.
- Automatic rope winder with idle device for manual operation.
- Safety hydraulic negative brake.
- Rigid axle with tires and drawbar fit for towing at low speed in the job-site.
- Fittings for anchoring the machine.
- Rope-driver rollers fit for vertical and horizontal pull.

FEATURES	
Dimensions AxBxC	1,20x0,55x0,60 m
Weight (without rope)	190 kg
DRUM	
Internal diameter	150 mm
External diameter	325 mm
Width	420 mm
Capacity of rope: Ø 8 mm Ø 6 mm	 300 m 500 m
ENGINE	
Feeding	gasoline
Power	12 hp / 8,8 kW
Cooling	air
Starting	by rope
PULL PERFORMANCES	
Max pull	10 kN
Speed at max pull	17 m/min
Max speed	32 m/min

OPTIONAL DEVICES

028.2 Diesel engine with rope starting.
034 Engine electric starting with battery 12 V.
053 Dynamometer for reading the pull force.
035 Preselector of max pull force to stop the engine in case of overpull.
045.5 Manual holdfast for locking the wire. It can be used with optional capstan (see opt. 058.1)
058.1 Large groove capstan to be mounted on the motorised hydraulic group (instead of the drum).



standard Opt.058.1

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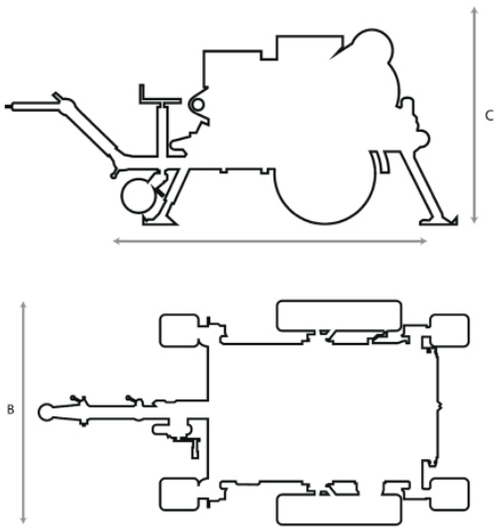
HYDRAULIC WINCH

F206.10 max pull 10 kN



Hydraulic winch fit to pull one rope in service operations such as setting-ups and adjustment of transmission lines and underground cables laying. Direct pull on the drum.
One closed hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

- Detachable drum.
- Automatic swinging rope-winder with idle position for manual operation.
- Dynamometer for reading the pull force.
- Freewheeling of the drum.
- Safety hydraulic negative brake.
- Rigid axle with tires and drawbar fit for towing at low speed in the job-site.
- Stabilisers and attachments for anchoring.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Rope-driver rollers fit for vertical and horizontal pull.

OPTIONAL DEVICES

003	Axle with independent torsion bar suspensions and tires for towing on the road at 60 km/h, with mechanical parking brake.
026	PVC cloth cover.
028.2	Diesel engine with rope starting.
034	Engine electric starting with battery 12 V.
035	Preselector of max pull force to stop the engine in case of overpull.
056.4	Service steel capstan beside the drum.
065	Automatic clamp for rope on side capstan.
090	Monophase electric motor 220 V.
090.1	Three-phase electric motor.

FEATURES	
Dimensions AxBxC	1,20x1,05x0,85 m
Weight (without rope)	350 kg
DRUM	
Internal diameter	200 mm
External diameter	500 mm
Width	500 mm
Capacity of rope: Ø 8 mm Ø 10 mm	 800 m 500 m
ENGINE	
Feeding	gasoline
Power	12 hp / 8,8 kW
Cooling	air
Starting	by rope
PULL PERFORMANCES	
Max pull	10 kN
Speed at max pull	15 m/min
Max speed	40 m/min
Pull at max speed	4 kN

ALSO AVAILABLE F206.15	
max pull	15 kN
speed at max pull	13 m/min
max speed	40 m/min
pull at max speed	4,5 kN

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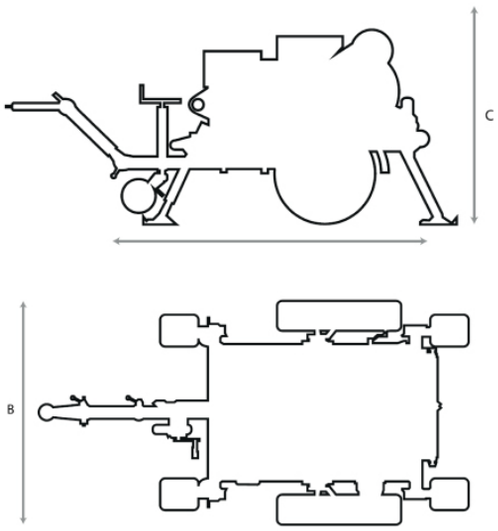
HYDRAULIC WINCH

F207.30 max pull 30 kN



Hydraulic winch fit to pull one rope in service operations such as setting-ups and adjustment of transmission lines and underground cables laying. Direct pull on the drum.
One closed hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

- Drum equipped with neutral device for unwinding the rope manually.
- Automatic swinging rope-winder with idle position for manual operation.
- Machine control panel with dynamometer and preselector of max pull force.
- Safety hydraulic negative brake.
- Rigid axle with tires and drawbar fit for towing at low speed in the job-site.
- Stabilisers and attachments for anchoring.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Rope-driver rollers fit for vertical and horizontal pull.

OPTIONAL DEVICES

007	Damped axle, overrun brake and drawbar for towing on the road (homologation excluded).
026	PVC cloth cover.
027	Metallic coverage with doors.
037	Remote control by cable, with 10 m of cable.
038	Radio-control for remote control.
046.3	Rope-presser roller on the drum.
058	Service winch with large-groove capstan (Ø 160 or 200 mm) fed by the hydraulic circuit of the puller. Max pulling force 500 kg.
064	Device to control the load descent in case of diesel engine breakdown.
090.1	Three-phase electric motor.

FEATURES	
Dimensions AxBxC	1,70x1,50x1,35 m
Weight (without rope)	950 kg
DRUM	
Internal diameter	270 mm
External diameter	500 mm
Width	500 mm
Capacity of rope: Ø 10 mm Ø 12 mm	 500 m 350 m
ENGINE	
Feeding	diesel
Power	26 hp / 19 kW
Cooling	water
Electric system	12 V
PULL PERFORMANCES	
Max pull	30 kN
Speed at max pull	15 m/min
Max speed	70 m/min
Pull at max speed	6 kN

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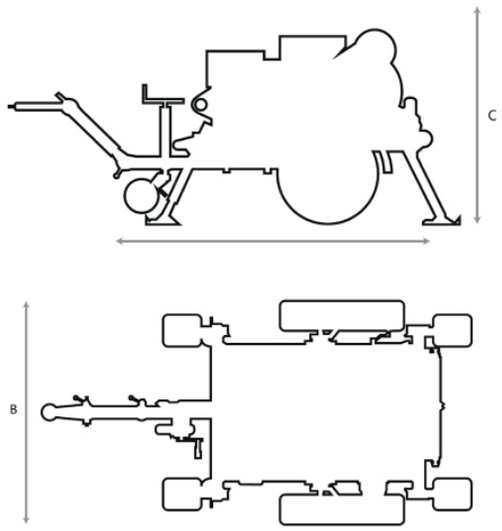
HYDRAULIC WINCH

F210.50 max pull 50 kN



Hydraulic winch fit to pull one rope in service operations such as setting-ups and adjustment of transmission lines and underground cables laying. Direct pull on the drum.
One closed hydraulic circuit allows to continuously vary the speed in both directions by operating one control device.

- Steel drum.
- Automatic swinging rope-winder with idle position for manual operation.
- Machine control panel with dynamometer and preselector of max pull force.
- Safety hydraulic negative brake.
- Rigid axle with tires and drawbar fit for towing at low speed in the job-site.
- Stabilisers and attachments for anchoring.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Rope-driver rollers fit for vertical and horizontal pull.

OPTIONAL DEVICES

007	Damped axle, overrun brake and drawbar for towing on the road (homologation excluded).
026	PVC cloth cover.
027	Metallic coverage with doors.
037	Remote control by cable, with 10 m of cable.
038	Radio-control (max distance 50 m).
046.3	Rope-presser roller on the drum.
058	Service winch with large-groove capstan (Ø 160 or 200 mm) fed by the hydraulic circuit of the puller. Max pulling force 500 kg.
064	Braking device to control the descent of the load in the event of an engine breakdown.

FEATURES	
Dimensions AxBxC	2,25x1,80x1,50 m
Weight (without rope)	1900 kg
DRUM	
Internal diameter	400 mm
External diameter	700 mm
Width	700 mm
Capacity of rope: Ø 14 mm Ø 16 mm	 500 m 400 m
ENGINE	
Feeding	diesel
Power	47 hp / 35 kW
Cooling	water
Electric system	12 V
PULL PERFORMANCES	
Max pull	50 kN
Pull at max speed	21 m/min
Max speed	65 m/min
Speed at max pull	20 kN

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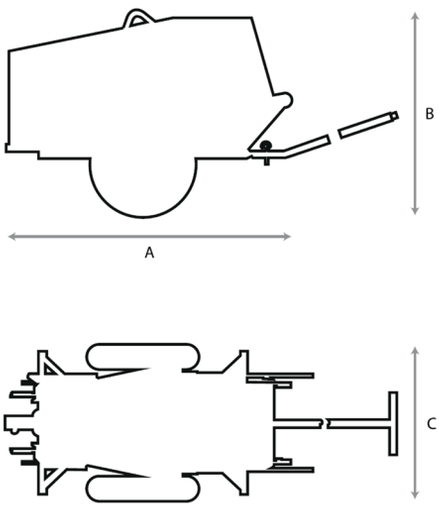
HYDRAULIC WINCH

F44.15



Mechanical winch fit to pull one rope while laying underground cables.
The motion to the capstans is transmitted through a multiple-disk clutch and a gearbox, operated by means of 2 levers.

- Steel drum.
- Automatic swinging rope-winder with idle position for manual operation.
- Machine control panel with dynamometer and preselector of max pull force.
- Safety hydraulic negative brake.
- Rigid axle with tires and drawbar fit for towing at low speed in the job-site.
- Stabilisers and attachments for anchoring.
- Heat exchanger to cool the oil in the hydraulic circuit.
- Rope-driver rollers fit for vertical and horizontal pull.

ENGINE	
Feeding	gasoline
Power	10 kp / 7,3 kW
Cooling	air
Starting	by rope
PULL PERFORMANCES	
with capstan Ø 160 mm	
Forward	18 kN @ 14 m/min
Reverse	15 kN @ 15 m/min

OPTIONAL DEVICES

028.2 Diesel engine with rope starting.
034 Engine electric starting with battery 12 V.
053 Dynamometer to read the pull force.
091 Electric motor 220/380 V, one or two speeds.
101.2 Capstan ø200 at bottom groove (max pull 12 kN).

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