

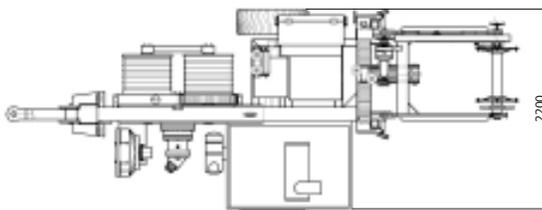
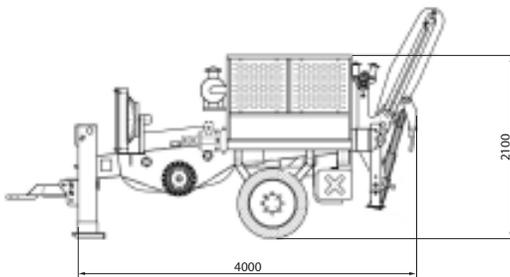
HYDRAULIC PULLER TY90

Boyu[®]



This machine allows for the tension stringing of twin-bundle conductor of 500mm² and below in mountainous and hilly areas, of twin-bundle conductor of 630mm² and below in flat lands, and of single conductor 720mm² in various terrains; besides, it can be used for traction stringing of OPGW or ADSS optical cable and 220kV haulage rope in various terrains.

HYDRAULIC PULLERS



Performance

Max intermittent pull	90kN
Max continuous pull	80kN
Speed at max pull	2.5km/h
Max speed	5km/h
Pull at max speed	40kN

Engine

Diesel	118kw(158hp)
Cooling system	water
Electrical system	24V

Characteristics

Bull-wheel diameter	540mm
Groove number	8
Max rope diameter	21mm
Max diameter of rope reel	1400mm
Total weight	4680kg
Overall dimension	4000×2200×2100mm

Main configuration

Engine	Cummins
Main pump	German Rexroth
Main motor speed reducer	German Rexroth
Tail bracket hoisting motor	American Eton
Hydraulic meter	German WIKA
Operating handle	German Rexroth

Configuration

- Hydraulic dynamometer with set-point and automatic control of maximum pull
- Hydraulic oil cooling system
- Control instruments for hydraulic system and diesel engine
- On board reel winder with automatic level wind, suitable for standard reel mod. 1100 and 1400
- Hydraulic front stabilizer
- Grounding connection point

Hydraulic Transmission

Closed hydraulic circuit for step less speed variation in both rotating directions. This machine is provided with a pull pre-setting system that maintains the pre-set pulling value (also when the speed is reduced to "0") by automatically adjusting the operation speed according to the friction and unexpected loads which may occur.

Additional Devices

- Lighting system for the trailer
- Hydraulic rope clamp for reel change
- Swivel guide rope roller
- Trailer for towing at max speed of 30 km/h
- Extra shaft
- Digital speed and meter counter (extra charge)

Certified Quality System
ISO 9001:2008



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Keep you updated on
www.StringingEquipments.com

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