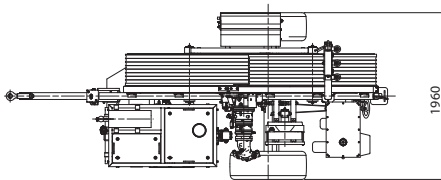
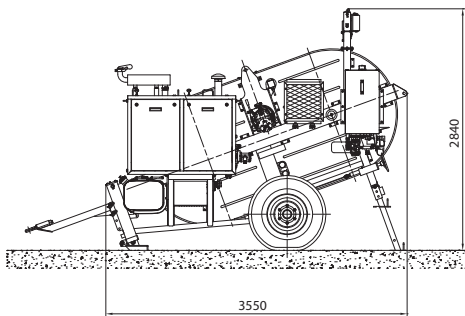
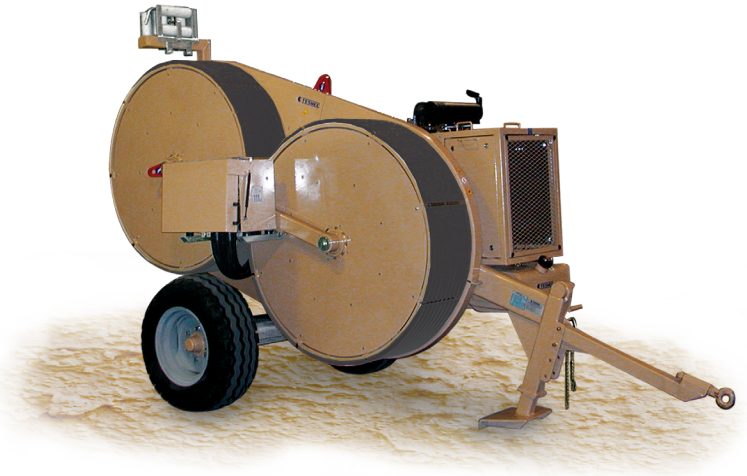
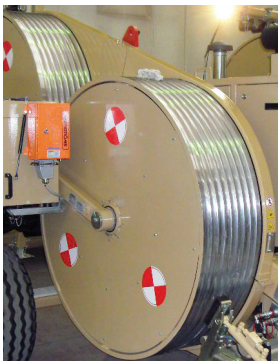


The machine is suitable to string one or two ropes or bundled conductors. The bull-wheel grooves are made up of high resistance interchangeable nylon sectors. The machine is completely electronically controlled.

**Note: The machine is also available with bull-wheel grooves made of wear-proof heat and chemically treated steel (AFS402).**



## AFS402



Certified Quality System  
**ISO 9001:2008**

Keep you updated on: [www.tesmec.com](http://www.tesmec.com)

## Tesmec S.p.A.

Headquarters  
Via Zanica, 17/0 - 24050 Grassobbio (BG) - Italy  
Tel: +39.035.4232911 - Fax: +39.035.4522445

Manufacturing facilities  
Via Pertegalli, 2 - 24060 Endine Gaiano (BG) - Italy  
Tel: +39.035.825024 - Fax: +39.035.826375

Manufacturing facilities  
Via Don Brambilla, 26/28 - 23844 Sirone (LC) - Italy  
Tel: +39.031.858311 - Fax: +39.031.853562

### Puller Performance

Max pull	45 kN
Speed at max pull	2.9 km/h
Max speed	5 km/h
Pull at max speed	25 kN

### Tensioner Performance

Max tension	45 kN
Max speed	5 km/h

**Note:** the basic machine performance is calculated at 20°C and at sea level

### Characteristics

Bull-wheel diameter	1500 mm
Max conductor diameter	34 mm
Max rope diameter	16 mm
Mass	3000 kg

### Engine

Diesel	63 kW (85 hp)
Cooling system	water
Electrical system	12 V

### Hydraulic Transmission

Closed hydraulic circuit that allows stepless 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.

### Configuration

Negative self-acting hydraulic brake  
Hydraulic dynamometer with set-point and automatic control of maximum pull  
Hydraulic oil cooling system  
Digital meter counter  
Control instruments for hydraulic system and Diesel engine  
Rigid axle for towing at max speed of 30 km/h with mechanical parking brake  
Hydraulic power pack to control 2 reel stands with hydraulic head or 2 reel winders  
Gearbox with 3 operating positions:

- neutral position (with free bull-wheels for conductor loading and unloading)
- low tension position (1 ÷ 7 kN)
- nominal tension position

Electronic pull and speed recorder kit (instrument not included)  
Hydraulic front stabiliser  
Grounding connection point

### Available Devices

- ALL005** Hydraulic power for an external compressor
- ALL037** Preheating device for use up to -30°C
- ALL051** Cable remote control kit (instrument not included)
- ALL059** Radio remote control kit (instrument not included)
- ALL071** 1 or 2 hydraulic rope/conductor clamps for reel/drum change operations
- ALL089** Electronic arrangement for connection of multiple machines and for stringing synchronization
- ALL112** Trailer for towing at max speed of 80 km/h with mechanical parking brake. Towing shaft with inertial braking system. Hook with Ø 40 mm eye. Lighting system included
- EC type-approved for road circulation on demand**
- DLR300** Electronic pull and speed recorder