

GENERAL SPECIFICATIONS

- Pulling force – 22,000 lbs.
- Tandem axle chassis
- Kohler diesel engine:
- 56 hp (Model - KDI 1903 TCR, Tier 4 Final)
- Length of cable – 3,150 feet
- Type of cable – 5/8" diameter braided steel, "anti-twist"
- Electronic measuring system (TM 3000 - US version)
- Fully enclosed compartment

STANDARD FEATURES

- Double capstan system (both capstan heads are driven)
- Large drum capacity for long rope lengths
- Hydrostatic drive for capstan system and rope drum
- This is not a chain-driven system
- Fully enclosed metal hood protects all components and provides easy access to control panel and internal components for maintenance and/or repair.
- Well primed with the puller painted industrial white and the chassis painted black.

TECHNICAL DATA

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| • Drive | Hydraulic |
| • Engine | 3 cylinder, 56 hp diesel w/ electronic start |
| • Pulling force | 22,000 lbs |
| • Pulling speed | 0-80 ft./min. |
| • Cable length | 3,150 ft. |
| • Cable diameter | 5/8" |
| • Overall length | 182" |
| • Width | 72" |
| • Height | 71" |

DRIVE

- Hydraulically driven by a 56 hp Kohler diesel engine (Tier 4 Final) with electric start.
- The hydraulic pump is designed to assure smooth operation without jerking of the pulling speed.

STORAGE DRUM

- Hydraulically driven operation and braking.
- Maximum drum capacity for 5/8" rope is 3,800 feet.

LEVEL WIND

- The steel wire rope runs directly from the capstan system to the storage drum.
- An automatic level-wind system guarantees smooth winding of the cable.



CHASSIS

Frame consisting of steel rectangular tube with a square tube rear cross member. Tandem axle with electric brake, 185 R 14 tires, DOT approved lights, breakaway system, 6-way trailer plug, and tool box mounted on tongue.

STABILITY

Adjustable hand crank rear stabilizer legs on each corner provide stability of the winch during the pulling operation. Single hand crank jack mounted to tongue of trailer.



Control Panel showing the TM-3000 EMS

ELECTRONIC MEASURING SYSTEM

- Indication of pulling force, pulling speed and pulled length.
- Adjustable pulling force with automatic system shut-down when desired pre-set value is reached.
- Adjustable length with automatic system shut-down when desired pre-set value is reached.
- Pull data can be saved onto a USB drive and then downloaded and printed from a computer.

OPERATION

All of the following functions are centrally located on the control panel.

- Electronic hydraulic remote control with joy stick for controlling the pulling direction and speed with a dead man switch for safety.
- Throttle Control
- Electric Start
- Fuel Gauge
- Hour Meter
- Electronic Measuring System — (TM-3000)