

## 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

- 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.



**KE-SP 60100**

## 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)