SHERMAN & REILLY
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HVD-1000-T Boomer Dawg

The Sherman & Reilly Model HVD-1000-T is a trailer mounted, 10,000 Lbs pulling capacity underground bullwheel puller with hydraulic driven twin capstan bullwheels. The HVD-1000-T provides infinite speed control and precise constant tension and distance monitoring. The bullwheels are driven by a two speed gearbox, a hydrostatic drive consisting of a variable displacement axial piston pump and a low-speed high-torque hydraulic motor. The unit is powered by a 38 HP liquid cooled diesel engine. The puller is equipped with a remote control kill switch and special underground pulling connectors. An articulated boom system provides extended reach over open transformer pad or into deep manholes. The boom system can also be rotated to the sides of truck chassis which allows efficient setup at crowded or congested locations.

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Winch System Specifications

Storage Drum Capacity: ..... 2000 ft. of 7/16" diameter wire rope
Automatic levelwind with dual fairlead sheaves
Wire rope ..... 7/16" diameter 6x25 XIP IWRC wire rope, with 20,400 lb. minimum breaking strength
Bullwheels ..... Twin capstan bullwheels, 7" diameter x 5 & 6 grooves
Gearbox ..... Two speed, oil bath gear transmission
Hydraulic Motor ..... 10.5 cubic inch, low-speed high-torque
Hydraulic Pump ..... Variable displacement axial piston pump allows infinite pulling speed control
Pulling Capacity:
- Full Load Mode ..... 10,000 Lbs maximum @ 75 ft / min
- Half Load Mode ..... 5,000 Lbs maximum @ 150 ft / min
- Reverse Payout ..... On demand: 0 to 360 ft / min

Trailer Specifications

Axle ..... 8,000 Lbs Tandem Axle, w/ electric brake
Tires ..... 215/75R17.5 load range H
Wheels ..... 17.5 X 6.75HC
Trailer Width ..... 8 feet
Trailer Length ..... 21 feet
Trailer Height ..... 9 feet 6 inch
Net Weight ..... 12,900 Lbs
GVWR ..... 14,000 Lbs

Optional: MP30 data recorder is a data logger designed to record the pulling force, speed, and the distance during an underground cable pull plus other data of each job.

Telescoping Boom and Boom Pivot System

- A quadrant block is attached to the end of telescoping boom. The quadrant block can be rotated 360º around the longitudinal axis of the boom.
- The boom can be extended down into a vault and places the quadrant block in the vault for cable pulling. Once in the vault, the quadrant block can be tied-off inside the vault or be supported by a stiff-leg which could eliminate personel being in the vault.
- The boom can be extended rearward 25 ft and be supported vertically. The quadrant block then can be placed near or above an open transformer pad or manhole.

Side Reach / Rotation System

- The boom system can be rotated approximately 90º over both sides of the chassis. The increased maneuverability allows easy setup in congested areas.

Hydraulic Stabilizer System

- Two rear-mounted and two front-mounted hydraulic stabilizers (outrigger jacks) provide stability and support to the chassis during operation of the machine.

Power Source, Hydraulic System, and Electrical /System

- All hydraulic component operations are powered by a piston pump / gear pump combination. The pump combination is driven by a 38 HP liquid cooled diesel engine.
- The maximum hydraulic system pressure is 3000 psi.
- The electrical system is 12 volt.
- All vehicle lighting complys with FMVSS regulation.

Operator Controls

- The puller control station is located near the rear corner of the chassis on the curb side to monitor the operating activity closely.
- The boom controls are located on a 25 feet long wired pendant.
- A remote radio control unit that provides most control functions is available as an option.

* Dimensions, weights, capacities are approximate. Manufacturer's specifications subject to change without notice.