

# **HYDRA 985**

**"Hydra Hog"**



**HOGG & DAVIS, Inc.**

***Designers and  
Manufacturers  
of Line  
Construction  
Equipment***

***RUGGED DEPENDABILITY***

## ***HYDRA 985 Power***

The industry's requirement for a high-speed overhead stringer with a brute strength underground puller is now answered with the Hydra 985 Hydrastatic Puller. The concept of the single reel, self maneuverable cable reel unit has been proven time and time again over the years. Now the Hydra 985 adds the additional speed and power required for the most difficult jobs. It's unique power train features a water cooled 3 cylinder tier 4 final diesel engine and provides "feather touch" electro-hydraulic proportional controls. Fine touch inching to all out brute force makes this the unit for all pulling jobs. Overhead pull speeds of 0 feet per minute to over 6 miles per hour and underground pulls from 0 to **24,000 lbs.** line pull. One man operation set up definately proves its job oriented effecency.

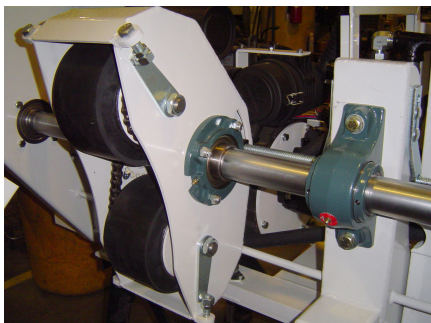
## ***Total Control***

Centralized pulling controls offer operator full control of pulling functions as well as engine monitoring and control. Yanmar display shows all engine statistics. Hydrastatic controller provides full reversing reel control with a fully "dead" in neutral position.



## ***Positive Friction Drive***

The proven Hogg & Davis, inc. friction drive becomes even more "potent" with the use of two driving rollers on each drive wheel housing. A unique clamshell housing allows the rollers to be adjusted to fit any reel diameter from 50 to 108 inches. Up to 14,000 lbs. of force can be applied against the reel to give positive friction for the toughest pulls. The exclusive molded ring rollers provide ease of maintenance.



## ***Rear Controls***

Located at the rear of the curbside fender, these controls offer the operator a clear view of underground pulling operations. Pulling controls include hydrastatic (Pay-out/ Take-up) controller, 2-speed and throttle switches.



## ***Power Steering***

The hydarulically powered Steer-Go power steering system comes standard on all Hydra 985s. Combined with hydraulically powered idler wheel, a truck is not required to position the unit. One man can easily maneuver the unit to go where a truck won't physically fit. It also greatly eliminates fear of back strain and hernia of workers trying to manually muscle non-powered units into position and when attaching to tow vehicle.





## ***Optional Equipment:***

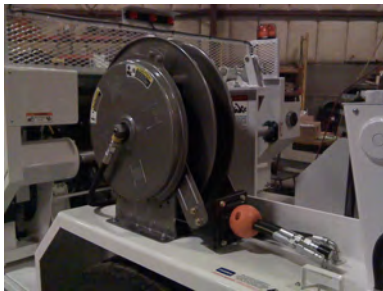
***Powerunit Seat***



***Hydraulic Capstan***



***25' Hose Reel***



***Tool Circuit***



***Swing Arm Levelwind***



***Carraige Style Levelwind***



***Hyd. Outriggers***



***Hi-Vis Strobe Lights***



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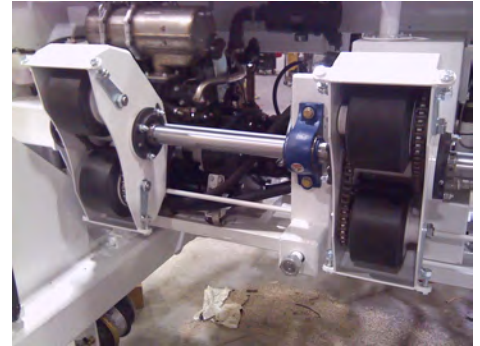
## Underground Cable Puller

### Main Frame:

Fully boxed and reinforced, open yoke, "Zero Deflection" mainframe
Boxed and reinforced drawbar with replaceable Pintle Eye and Safety Chains
Fully welded fenders and integrated tool boxes
Two point T-handle latches with locks and full length piano hinged tool box doors
20,000 lb. stub axles with machined attachment plates
Full airbrakes with ABS
315/80/R22.5 tires with 22.5x9, 10 lug bud rims
Double shock mounted LED lights with pigtail connectors
2 1/2" inch heat treated reel shaft with centering cones, locking collars and Nylatron® bearings
Hydraulically controlled mandrel racks with load lock cylinders
Hydraulically powered solid rubber idler wheel and Steer-Go power steering system
Four bank hydraulic control valves with pressure relief and positional control levers
Stainless steel hydraulic tubing

### Power Unit:

Electric throttle activation an front and rear control positions
Micro switch electric/hydraulic proportional controllers at front and rear control positions
Closed loop hydraulic system
Two speed final drive with electric activated shif at front and rear control positions
Open center auxiliary hydraulic system
Load lock cylinder provides drive roller pressure to reel
2 7/16" chrome plated drive shaft with piloted flange and pillow block bearings
Auxiliary power shaft with bayonet
Hydraulic cooler mounted at engine radiator intake
Filtration: Full flow with relief and condition indicator and replaceable spin off filter
0-5,000 PSI hydrastatic pressure gauge at front control position
0-3,000 PSI auxiliary pressure gauge at control valve bank
Yanmar display includes tachometer, hour meter, temperature and voltage
Fully hooded with hinged doors for easy access to engine and hydraulic system
Enclosed batter compartment with external battery connector
Maximum line pull: 24,000 lbs.
Reel Capacity: 50" up to 108" diameter and a maximum width of 56"



## Engine Specifications

Yanmar 3TNV88C-DYEM
Cylinders: 3
Displacement: 1642 cu. In./cc3
Power rating: 36.8hp @3000rpm
Compression ignition
Cold weather block heater

Product improvements may be introduced at any time, specifications are subject to change without notice.



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