



SHERMAN+REILLY®

# DUCT DAWG® UNDERGROUND PULLER

DDHX-75/100 - 7,500 OR 10,000 LB. PULLING CAPACITY



- 1** Fully articulating, self-supported 3-axis boom
  - 50 degree swing arc, left and right
  - 90 degree vertical arc, up and down
  - 24 in. telescoping, in and out
  - 17 in. sheave with 60-degree swivel head
- 2** Wireless remote controller for safer operation.
- 3** Accessory storage for air adapters, duct sheaves and miscellaneous tools.
- 4** Digital and manual hydraulic operation interface.

## FEATURES

- Simplified underground jobsite setup.
- Optimized, compact design with a footprint under 17 ft.
- Smooth operation with 3-speed gearbox on 75 and 2-speed on 100.
- Hydraulically driven, twin capstan bullwheels with on-demand payout.
- Equipped with a digital recorder to continuously measure length of cable deployed and line tension.

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Sherman-Reilly.com

## SPECIFICATIONS

	DDHX-75	DDHX-100
<b>Pulling Capacity Max</b>	7,500 lb.	10,000 lb.
<b>Bullwheels</b>	Twin capstan, 6 in. dia., 5-groove followed by 6-groove	Twin capstan, 7 in. dia., 5-groove followed by 6-groove
<b>Gearbox and Line Speed</b>	1st gear 0-60 fpm at 7,500 lb. with demand payout 2nd gear 0-120 fpm at 3,500 lb. with demand payout 3rd gear 0-285 fpm at 1,500 lb. with demand payout	1st gear 0-60 fpm at 10,000 lb. with demand payout 2nd gear 0-120 fpm at 5,000 lb. with demand payout
<b>Winch Gearbox Oil (Volume)</b>	SAE 90 (4 liter or 4.2 quarts)	SAE 90   (6 liters or 6.2 quarts)
<b>Drive System</b>	Hydraulic	Hydraulic
<b>Hydraulic Fluid</b>	ISO grade 32	ISO grade 32
<b>Hydraulic Reservoir</b>	25 Gallon with cold weather package optional	25 Gallon with cold weather package optional
<b>Engine</b>	49 peak Hp, Diesel, water-cooled, electric start	49 peak Hp, Diesel, water-cooled, electric start
<b>Fuel Capacity</b>	13 Gallons	13 Gallons
<b>Pulling Rope</b>	3/8 in., 6 x 25 XIP IWRC steel wire rope, 2,000 ft.	7/16 in., 6 x 25 XIP IWRC steel wire rope, 2,200 ft.
<b>Boom</b>	Hydraulic, joystick controlled, 3-axis, 52° swing arc, 17 in. sheave with 60° swivel head.	Hydraulic, joystick controlled, 3-axis, 52° swing arc, 17 in. sheave with 60° swivel head.
<b>Levelwind</b>	Dual automatic fairlead sheaves	Dual automatic fairlead sheaves
<b>Puller Mounted Controls</b>	Manual hydraulic overrides and control panel backup operation.	Manual hydraulic overrides and control panel backup operation.
<b>Puller Wireless Controls</b>	CANbus controller communicating with radio controlled remote (300 ft. max)	CANbus controller communicating with radio controlled remote (300 ft. max)
<b>Footage Counter</b>	Electronic, actual footage, pay-in and pay-out with memory	Electronic, actual footage, pay-in and pay-out with memory
<b>Hydraulic Tool Circuit</b>	Up to 3,000 PSI - 8 GPM at idle/16 GPM at 2700 RPM	Up to 3,000 PSI - 8 GPM at idle/16 GPM at 2700 RPM
<b>Pulling Connectors</b>	Rotation-resistant: (1) E-35 rated at 3,000 lb. & (1) E-49 rated at 8,800 lb.	Rotation-resistant: (1) E-35 rated at 3,000 lb. & (1) E-49 rated at 8,800 lb.
<b>Frame Construction</b>	Steel tubing, continuous-weld	Steel tubing, continuous-weld
<b>Length, overall, nominal</b>	15 ft. 5 in.	15 ft. 5 in.
<b>Width, overall, nominal</b>	7 ft. 11 in.	7 ft. 11 in.
<b>Height, overall, nominal</b>	9 ft. 8 in. (boom stored)	9 ft. 8 in. (boom stored)
<b>Weight*, nominal</b>	7,200 lb. with rope	7,400 lb. with rope
<b>GVWR</b>	9,500 lb.	9,500 lb.
<b>Suspension</b>	Leaf-spring	Leaf-spring
<b>Axel Configuration</b>	Single	Single
<b>Wheel Configuration and Tires</b>	Single, LT235/75R17.5, Load Rating J	Single, LT235/75R17.5, Load Rating J
<b>Brakes, trailer</b>	Electric, with safety break-away switch	Electric, with safety break-away switch
<b>Towing Attachment</b>	3 in. adjustable pintle eye	3 in. adjustable pintle eye
<b>Safety Chains</b>	2 ea. with hooks	2 ea. with hooks
<b>Tie Downs</b>	5/8 in. dia. steel D-rings	5/8 in. dia. steel D-rings
<b>Tongue Jack</b>	Hydraulic, with shoe (1)	Hydraulic, with shoe (1)
<b>Stabilizing Jacks</b>	Hydraulic, with shoe at bumper corners - 144 in. <sup>2</sup> of surface area	Hydraulic, with shoe at bumper corners - 144 in. <sup>2</sup> of surface area
<b>Electrical System</b>	12 VDC, 60 amp alternator	12 VDC, 60 amp alternator
<b>Lights / Navigation</b>	US DOT, LED, 12 VDC	US DOT, LED, 12 VDC
<b>Battery</b>	12 V	12 V
<b>Grounding</b>	3/4 in. dia. copper-clad steel ground loops (4)	3/4 in. dia. copper-clad steel ground loops (4)

## OPTIONS

<b>Strobe Light</b>	
<b>Solar Battery Charger</b>	
<b>Submersible Pumps</b>	Self-priming, compact, high-impact trainer housing pump See utility tools

<b>Air Adapter Kits</b>
<b>Underground Blocks Available</b>



Duct Dawg remote control