



# SHERMAN & REILLY

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**HYDRAULIC  
AIR  
DUCT DAWG**

## DDHA-100-DC-T Underground Puller



### GENERAL SPECIFICATION:

The Sherman & Reilly Model DDHA-100-DC-T is a 10,000 lb. pulling capacity underground bullwheel puller with all hydraulic driven twin capstan bullwheels. The unit has a constant pulling capacity of 10,000 lbs. and is equipped with footage counter and dynamometer to meter actual conductor pulling lengths and tensions. The Model DDHA-100-DC-T is powered by a 38 GHP Kubota, water-cooled diesel engine with a two-speed transmission gearbox and 185 CFM diesel air compressor with both diesel engines operating from one common fuel tank. Unit is standard with hydraulic tool circuit, remote control kill switch, and special underground pulling connectors. The trailer is constructed of rugged high strength steel tubing for rigidity, welded solid (no skip welds) and is equipped with adjustable pintle eye, hydraulic leveling jacks front and rear, tool box, vinyl cover, and D.O.T. sealed lighting standard.

ISO 9001:2000 Certified

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**DDHA-100-DC-T Underground Puller**

**GENERAL SPECIFICATIONS**

PULLER ENGINE.....	38 HP DIESEL KUBOTA, WATER COOLED
AIR COMPRESSOR.....	DIESEL - 185 CFM
FUEL CAPACITY.....	28 GALLON FUEL TANK
FIRE EXTINGUISHER.....	CLASSIFICATION 5MB-6HB, 5 LB
HYDRAULIC DRIVE.....	TOTALLY HYDRAULIC DRIVEN WITH 15 GPM PUMP & MOTOR WITH 25 GALLON FILTERED RESERVOIR
HYD. TOOL CIRCUIT.....	7 GPM @ 2000 PSI AUXILIARY FOR HAND TOOLS, PUMPS, ETC
GEARBOX.....	1ST GEAR: 0 - 65 FPM @ 10,000 LB - 2ND GEAR: 0 - 130 FPM @ 5,000 LB REVERSE PAYOUT: 0 - 360 FPM
BULLWHEELS.....	TWIN CAPSTAN 7" DIA. X 5 & 6 GROOVE
PULLING ROPE.....	SPECIAL DESIGN FOR UNDERGROUND PULLING 7/16" DIA. 6 X 25 XIP IWRC STEEL WIRE ROPE X 2,200 FT. LENGTH STANDARD
LEVELWIND.....	AUTOMATIC WITH DUAL FAIRLEAD SHEAVES
CONTROLS.....	CONTROL PANEL LOCATED FOR OPERATOR SAFETY & OPERATION EASE WITH COMPLETE ENGINE INSTRUMENTATION, PULLING CONTROLS, REMOTE EMERGENCY STOP SWITCH & A DIAL TYPE DYNAMOMETER FOR PRESETTING & MONITORING PULLING TENSIONS FOR ACCURACY
FOOTAGE COUNTER.....	MONITORS ACTUAL CABLE FOOTAGE IN BOTH DIRECTIONS PAY-IN & PAY-OUT MODE
PULLING CONNECTORS.....	SPECIAL UNDERGROUND CONNECTORS DESIGNED TO RESIST ROTATION UNDER LOAD; (1) 3,000 LB. & (1) 8,800 LB. CONNECTOR INCLUDED.
APPROXIMATE HEIGHT.....	92 IN (WITH "A" FRAME)
APPROXIMATE LENGTH.....	212 IN
APPROXIMATE WIDTH.....	90 IN
APPROXIMATE WEIGHT.....	8,000 LB (WITHOUT ROPE) - 8,800 LB WITH ROPE
TRAILER AND FRAME.....	ALL HIGH STRENGTH STEEL TUBING, WELDED SOLID (NO SKIP WELDS) CONSTRUCTION FOR RIGIDITY AND EXTENDED LIFE
TANDEM AXLES.....	6,000 LB EACH
WHEEL SIZE.....	16 X 6 K TYPE
TIRE SIZE.....	LT235/85-R16-E
GROUNDING.....	5/8" DIA. COPPER GROUND LOOPS
BRAKES.....	ELECTRIC AS STANDARD WITH SAFETY BREAK-AWAY SWITCH (HYDRAULIC SURGE OPTIONAL) - PARKING BRAKE OPTIONAL
TRAILER HITCH.....	PINTLE EYE - 3" WITH ADJUSTABLE HEIGHT & SAFETY CHAINS
STABILIZING JACKS.....	HYDRAULIC - FRONT AND REAR
ELECTRIC SYSTEM.....	12 VOLT WITH D.O.T. LIGHTING SEALED SYSTEM
TOOL BOX.....	FURNISHED WITH REMOTE CONTROL KILL SWITCH, COMPLETE SET OF TOOLS AND E-35D, E-49D CONNECTORS
VINYL COVER.....	STANDARD FOR WINCH MODULE

**OPTIONAL EQUIPMENT**

AIR ADAPTER KITS	FOR BLOWING STEEL PULLING LINE THROUGH THE CONDUIT. AVAILABLE FOR 2", 2-1/2", 3", 4", 5", AND 6" DUCTS. COMPLETE WITH AIR ADAPTER, REMOTE HEAD, BIRDS, CONTROL PANEL, GAUGES, CONTROL LEVERS, HOSES, AND ALUMINUM CARRYING/STORAGE CASE - LOCKABLE.
UG-71 SERIES BLOCKS	AVAILABLE FOR 2", 2-1/2", 3", 4", 5", 6", AND 8" DUCTS WITH ALUMINUM, URETHANE LINED, DUCTILE IRON, OR NYLATRON (STANDARD) SHEAVES. AVAILABLE FOR STANDARD SCHEDULE 40, SCHEDULE 80 OR DB120 CONDUIT SIZES.
ELECT. LOAD RECORDER	DIGITAL READ OUT PRINTER DETAILING ALL PULLING RECORDS, DATE, JOB/EMPLOYEE NO. AND STATISTICS, ETC.

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

