

# DD-240T

## MID-SIZE DIRECTIONAL DRILL



### FEATURES & BENEFITS

#### **MAXIMUM UPTIME**

The DD-240T is fit with full-length traveling wrenches, usually reserved for maxi-rig models, to help assist stubborn tool joints and allow the rig to pull tooling up to the drill's frame. Also equipped with a standard slip spindle that allows for easy change-out when necessary.

#### **ADVANCED CAB AND CONTROLS**

Innovative Quiet-Pak® engine enclosure reduces dBs for quieter performance and greater operator comfort. Flexible control settings allow for control customization and will reduce overall training time.

#### **EXCLUSIVE CATCH RIG TECHNOLOGY**

Patent-pending rotary free spin technology allows the machine to be used on the exit side of a project during the hole opening and swab passes. Drill fluid can be pumped directly through the fluid course without an external swivel, saving time and money.

#### **ULTIMATE FLEXIBILITY**

The most customizable rig in the industry, the DD-240T is equipped with our patented on-board/off-board cabin and on-board/off-board pump. These versatility features allow you to tailor your set-up to better fit your environment and working conditions, bringing greater operator comfort and productivity across a wide variety of jobs.

#### **INTUITIVE TELEMATICS**

Equipped with PinPoint® telematics and the latest in HDD technology, the DD-240T delivers more precise monitoring and support.

#### **ONBOARD DRILL FLUID PUMP**

A world class onboard drill pump has a 300 gpm rating, allowing flows of 196 per minute, greatly increasing pump life.

# DD-240T

## SPECIFICATIONS

POWER TRAIN	U.S.	METRIC
Engine	MTU 6R1300	
Manufacturer's gross power rating	523 hp	390 kW
Fuel capacity	178 gal	674 L
Hydraulic filter	6 Micron ABS	
Battery	2 Deka 908DME 12 V, 1450 CCA - 24 V System	
Travel speed, forward/backward	1.37 mph	2.2 kph

### CARRIAGE SYSTEM

Rack and pinion	4 Pinion drive w/ adjustable force limiter	
Thrust/pullback	240,000 lb	108 tonnes
Carriage speed, max	150 ft/min	46 m/min
Carriage motors	4 Axial piston / dual displacement	
Carriage brakes	2 Spring-applied / hydraulic release	
Gearbox	4 Planetary gearboxes	

### ROTARY DRIVE

Rotary system	2 Pinion and gear drive with infinitely adjustable torque limiter	
Rotary torque, max	43,900 ft-lb	59,520 Nm
Rotary speed, max	150 rpm	
Rotary motor	2 Radial piston variable	
Rotary brakes	1 Spring-applied / hydraulic release	
Rotary gearbox	1 Planetary drive	
Fluid course	3 in.	76 mm
Flow, max	650 gal/min	2,460 L/min
Pressure, max	1,500 psi	103 bar

### WRENCH

Wrench design	Closed top	
Clamp/grip range	4.5-9.5 in	114-241 mm
Breakout torque, max	80,000 ft-lb	108,465 Nm
Makeup torque, max	67,000 ft-lb	85,010 Nm

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

DRILL RIG	U.S.	METRIC
Drill pipe	31-34 ft	9.4-10.4 m
Drill angle	10-18°	
Cabin	Onboard, offboard, detached	

### DRILL PIPE

Outside tube diameter	4.5-5.5 in	114.3-139.7 mm
Tool joint outside diameter	6.625-7.5 in	168.3-190.5 mm
Thread type	API-IF	
Fluid course	3 in	76 mm

### PUMP

Pump	Gardener Denver Triplex	
Flow, max	300 gpm	1,136 L/min
Pressure, max	1,300 psi	89.6 bar

### WEIGHT

Transport	75,368 lb	31,186 kg
-----------	-----------	-----------

### DIMENSIONS

Length	52.5 ft	19.05 m
Width	8.16 ft	2.5 m
Height	11.5 ft	3.5 m

