

# AT32

**1** 1,200 ft•lbs (1627 N•m) of inner rotational torque allows for greater efficiency and better production in hard formations.

**2** The AT32 has increased drill pipe capacity, now allowing 450 ft (137.2m) of all-terrain pipe or 600 ft (182.9m) of dirt pipe with reversible pipe box onboard, increasing productivity.

**3** Patented "slide cartridge" provides backup for the carriage rollers allowing operators to complete a job without stopping to replace failed rollers.

**5** Unique "add-a-pipe" design allows operators to manually insert additional pipe, improving productivity.

**4** 70 GPM (265 l/min) fluid pump supplies drilling fluid for better productivity downhole.

**6** An integrated wireless remote control gives operators the ability to set up the rig outside of the cab, allowing more precise positioning of the unit on the job.

Controller includes multi-mode ground drive, dual independent stabilizers, stake down, cab traverse, and dual pivot.



## AT32 ALL TERRAIN DIRECTIONAL DRILL

### OPERATION

	U.S.	METRIC
Spindle speed, max	220 rpm	
Spindle speed, max (AT inner spindle)	280 rpm	
Spindle torque, max	4,200 ft•lbs	5694 N•m
Spindle torque, max (AT inner spindle)	1,200 ft•lbs	1627 N•m
Carriage thrust travel speed	190 fpm	58 m/min
Carriage pullback travel speed	190 fpm	58 m/min
Thrust force	32,000 lb	142 kN
Pullback force	32,000 lb	142 kN
Ground travel speed		
Forward	2.8 mph	4.6 km/h
Reverse	2.8 mph	4.6 km/h

### POWER

Engine	Cummins® 4.5	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged & charge air cooled	
Number of cylinders	4	
Displacement	275 in <sup>3</sup>	4.5 L
Bore	4.21 in	107 mm
Stroke	4.88 in	124 mm
Manufacturer's gross power rating	155 hp	115 kW
Rated speed Tier 3/Tier 4	2,200 rpm	2,200 rpm
Emissions compliance	EPA Tier 4	EU Stage V

### DIMENSIONS

Length	256.5 in	6.5 m
Width w/cab	89.3 in	2.3 m
Transport height w/cab	97 in	2.5 m
Weight w/cab	19,220 lb	8,718 kg
Weight w/open station	18,530 lb	8,405 kg
Ground clearance	5.7 in	144.8 mm
Entry angle, max	9°-20°	9°-20°
Entry angle, tracks on ground	9°-17°	9°-17°
Pressure, max	1,000 psi	69 bar
Flow, max	70 gpm	265 l/min

### DRILLING FLUID SYSTEM (ONBOARD)

### FLUID CAPACITIES

	U.S.	METRIC
Fuel tank, Tier 4	54 gal	204 L
Hydraulic reservoir	17 gal	64 L
<b>POWER PIPE® HD</b>	<b>U.S.</b>	<b>METRIC</b>
Length	118.1 in	3 m
Joint diameter	2.75 in	70 mm
Pipe diameter	2.38 in	60 mm
Bend radius	123 ft	37.5 m
Weight of drill pipe, lined	84 lb	38.1 kg
Weight of lined drill pipe & large box (60 pipe)	5,860 lb	2658 kg
Weight of lined drill pipe & small box (25 pipe)	2,799 lb	1270 kg

### FORGED HDX

Length	118.1 in	3.0 m
Joint diameter	2.63 in	67 mm
Pipe diameter	2.38 in	60 mm
Bend radius, min	123 ft	37.5 m
Weight of drill pipe, lined	74 lb	33.6 kg
Weight w/drill pipe & large box (60 pipe)	5,260 lb	2386 kg
Weight w/drill pipe & small box (25 pipe)	2,549 lb	1156 kg

### ALL TERRAIN PIPE

Length	120 in	3.05 m
Joint diameter	3.00 in	76.2 mm
Pipe diameter	2.50 in	63.5 mm
Bend radius, min	130 ft	39.6 m
Weight of drill pipe, lined	108 lb	49.0 kg
Weight w/drill pipe & large box (45 pipe)	5,430 lb	2463 kg
Weight w/drill pipe & small box (20 pipe)	2,740 lb	1243 kg

### BATTERY (2 USED)

SAE reserve capacity rating	195 min
SAE cold crank rating @ 0°F (-18°C)	950 amps

### NOISE LEVEL

Operator sound pressure per ISO 6396 (w/ Cab)	< or = 72 dBA
Exterior sound power per ISO 6395	< or = 96 dBA

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. \*Stability claim based on lab test of competitive equipment.