

SPECIFICATIONS, JT30

	U.S.	METRIC
OPERATION		
Spindle speed, max	225 rpm	
Spindle torque, max	4,000 ft-lb	5420 N-m
Carriage thrust travel speed	120 fpm	37 m/min
Carriage pullback travel speed	120 fpm	37 m/min
Thrust force	24,800 lb	110 kN
Pullback force	30,000 lb	133 kN
Ground travel speed		
Forward	2.4 mph	3.9 km/h
Reverse	2.2 mph	3.5 km/h
POWER – TIER 4i		
Engine	Cummins® QSB4.5	
Fuel	Diesel	
Cooling medium	Liquid	
Injection	Direct	
Aspiration	Turbocharged & charge air cooled	
Number of cylinders	4	
Displacement	275 in³	4.5 L
Bore	4.21 in	107 mm
Stroke	4.88 in	124 mm
Manufacturer's gross power rating	160 hp	119 kW
Rated speed	2,300 rpm	
DIMENSIONS		
Transport length	221 in	5.61 m
Width	80 in	2.03 m
Width, w/cab	89 in	2.26 m
Transport height	94 in	2.39 m
Operating weight	17,075 lb	7750 kg
Operating weight, w/cab	17,975 lb	8153 kg
Entry angle	10-16°	
Angle of approach	19°	
Angle of approach, w/cab	15°	
Angle of departure	18°	

	U.S.	METRIC
DRILLING FLUID SYSTEM		
Pressure, max	1,500 psi	103 bar
Flow, max	50 gpm	189 l/min
FLUID CAPACITIES		
Hydraulic reservoir	27 gal	102 L
Fuel tank	42 gal	159 L
Engine lubrication oil w/filter	12 qt	11 L
Engine cooling system	23 qt	22 L
Antifreeze tank	8 gal	30 L
POWER PIPE®		
Length	118 in	3 m
Joint diameter	3 in	76 mm
Pipe diameter	2.38 in	60 mm
Bend radius, min	155 ft	47 m
Weight of drill pipe, lined	88 lb	39 kg
Weight of drill pipe & large box (48 pipe)	5,500 lb	2500 kg
Weight of drill pipe & small box (24 pipe)	3,200 lb	1450 kg
POWER PIPE FORGED		
Length	118 in	3 m
Joint diameter	2.61 in	66 mm
Pipe diameter	2.38 in	60 mm
Bend radius, min	155 ft	47 m
Weight of drill pipe	73 lb	33 kg
BATTERY		
SAE reserve capacity rating	195 min	
SAE cold crank rating @ 0°F (-18°C)	950 amps	
NOISE LEVELS		
Operator sound	85 dBA	
Operator sound w/cab	85 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.