

## SPECIFICATIONS, JT25

JT25	U.S.	METRIC		U.S.	METRIC
Overall machine length (driving)*	234.5 in	5.96 m	<b>OPERATIONAL</b>		
Overall machine length (transport)*	232.5 in	5.9 m			
Overall machine width*	87 in	2.21 m	Maximum spindle speed*	220 rpm	220 rpm
Overall machine width (with cab)*	87 in	2.21 m	Spindle torque, max.	4,000 ft•lb	5420 N•m
Overall machine height (driving)*	101 in	2.56 m	Carriage thrust travel speed*	182 fpm	55 m/min
Overall machine height (transport)*	93 in	2.36 m	Carriage pullback travel speed*	190 fpm	58 m/min
Overall machine height (transport/cab)*	99.5 in	2.53 m	Thrust force*	27,000 lb	120 kN
Drilling unit operating mass*	20,200 lb	9163 kg	Pullback force*	27,000 lb	120 kN
Drilling unit operating mass (with cab)*	20,800 lb	9435 kg	Bore diameter	4.5 in	114 mm
Ground bearing pressure with CMW pipe****	10.3 psi	0.71 kg/cm <sup>2</sup>	Backream diameter	soil dependent	
Ground bearing pressure (with CMW pipe, with cab)****	10.6 psi	0.73 kg/cm <sup>2</sup>	Ground travel speed* (forward)	2.4 mph	
Ground clearance****	5.7 in	145 mm	Ground travel speed* (reverse)	2.2 mph	
Entry angle Max*	9-20°				
Entry angle Tracks on Ground*	9-17°				
Angle of approach	19°				
Angle of approach (with cab)	19°				
Angle of departure	19°				
<b>POWER PIPE</b>					
Length of drill pipe* nominal	118 in	3 m			
Diameter of drill pipe tool joint end*	3 in	76 mm			
Diameter of drill pipe*	2.38 in	60 mm			
Min. bend radius*	155 ft	47 m			
Weight of drill pipe* (lined)	90 lb	41 kg			
Weight of drill pipe & large box (50 pipe)	5,200 lb	2358			
Weight of drill pipe & small box (25 pipe)	2,500 lb	1134			