



WATSON Drill Rig Specifications



Specifications:	1100	2100	2500	3110	4400
Rotary Torque	40,600 ft lb	60,000 ft lb	90,000 ft lb	120,000 ft lb	180,000 ft lb
	55 kNm	81 kNm	122 kNm	163 kNm	244 kNm
Max Drill Depth Range	30 - 100 ft	66 ft	54 - 160 ft	160 ft	60 - 135 ft
	9.2 - 30.5 m	20.1 m	16.4 - 48.8 m	48.8 m	18.3 - 41.3 m
Maximum Tool Diameter*	60 in	72 in	84 in	96 in	144 in
	152 cm	183 cm	213 cm	144 cm	366 cm
Crowd Force	21,700 lb	24,000 lb	38,000 lb	50,000 lb	60,000 lb
	97 kN	107 kN	169 kN	222 kN	267 kN
Kelly Winch Line Pull	18,000 lb	18,000 lb	25,000 lb	32,000 lb	60,000 lb
	80 kN	80 kN	111 kN	142 kN	267 kN
Kelly Winch Line Speed	160 fpm	200 fpm	200 fpm	180 fpm	200 fpm
	49 mpm	61 mpm	61 mpm	55 mpm	61 mpm
Service Winch Line Speed	4,500 lb	12,000 lb	12,000 lb	18,000 lb	24,000 lb
	20 kN	53 kN	53 kN	80 kN	106 kN
Truck Rig Weight / Excavator (EDT only)	45,000 lb	59,480 lb	71,180 lb	80,000 lb	n/a
	20,412 kgs	26,980 kgs	32,287 kgs	36,287 kgs	
Crawler Rig Weight / EDT Combined Weight	32,310 lb	n/a	64,000 lb	90,000 lb	167,000 lb
	14,656 kg		29,029 kgs	40,823 kgs	74,842 kgs

	EDT-5	EDT-7	EDT-18
Rotary Torque	40,000 ft lb	60,000 ft lb	180,000 ft lb
	54 kNm	81 kNm	244 kNm
Max Drill Depth Range	28 - 78 ft	28 - 97 ft	28 - 60 ft
	8.5 - 23.7 m	8.5 - 29.5 m	8.5 - 18.3 m
Maximum Tool Diameter*	72 in	96 in	120 in
	183 cm	244 cm	305 cm
Crowd Force	17,000 lb	20,000 lb	50,000 lb
	76 kN	89 kN	222 kN
Kelly Winch Line Pull	18,000 lb	25,000 lb	40,000 lb
	80 kN	111 kN	178 kN
Kelly Winch Line Speed	124 fpm	165 fpm	182 fpm
	38 mpm	50 mpm	55 mpm
Service Winch Line Speed	8,000 lb	8,000 lb	18,000 lb
	36 kN	36 kN	80 kN
Truck Rig Weight / Excavator (EDT only)	30 m tons	40 m tons	50 m tons
Crawler Rig Weight / EDT Combined Weight	84,000 lb	97,000 lb	120,000 lb
	38,102 kg	43,998 kg	54,431 kg

Specifications subject to change depending on configuration.

© 2014 Watson, Inc..

* Maximum limit may be dependent upon ground conditions.