Cat®
MD1001

Electric Shaft Jumbo Drill

Specifications

Features

Overall Length (with TR 16 ft Feed, SJ105 Boom)	11.5 m	37.7 ft
Overall Frame Dimensions 1 Boom	0.97 m × 0.91 m × 3.96 m LG 38.25 in × 36 in × 156 in LG	

Hydraulic System (per Boom)

Two (2) variable displacement piston pumps		
One (1) for hammer, feed and boom positioning; one (1) for drill rotation		
Hydraulic Reservoir	170 L	45 gal
Oil to Water Heat Exchanger		
Power Unit	EP75 Electric	

Drifter

Model (Qty. 1)	HPRH 4519	
Weight	300 kg	660 lb
Output Power	19 kW	25 hp
Impact Frequency	42-45 Hz	2,500-2,700 bmp
Impact Energy	908.386 j	670 ft-lb
Rotation Speed	240 rpm	

Boom

Models		
Face Coverage Diameter (MD-105-SD) per Boom	10 m	32.83 ft
Face Coverage Diameter (MD-135-SD) per Boom	11.59 m	38 ft

Feed

Model (Qty. 1)	TR16	
Steel Length	4.88 m	16 ft
Maximum Hole Depth	4.42 m	14 ft 6 in
Overall Length	6.76 m	23.2 ft

Optional Equipment

- Model TR12-TR20 (heavy aluminum) Feed for 3.65-6.09 m (12-20 ft) steel length in lieu of TR16 Feed
- Hydraulic opening fixed centralizer (for probing)
- 0.91 m (3 ft) feed extension for probing
- 220 VAC control voltage in lieu of 110 VAC
- 1,000 volt Electrics
- Spare Drifter
- Radio Remote

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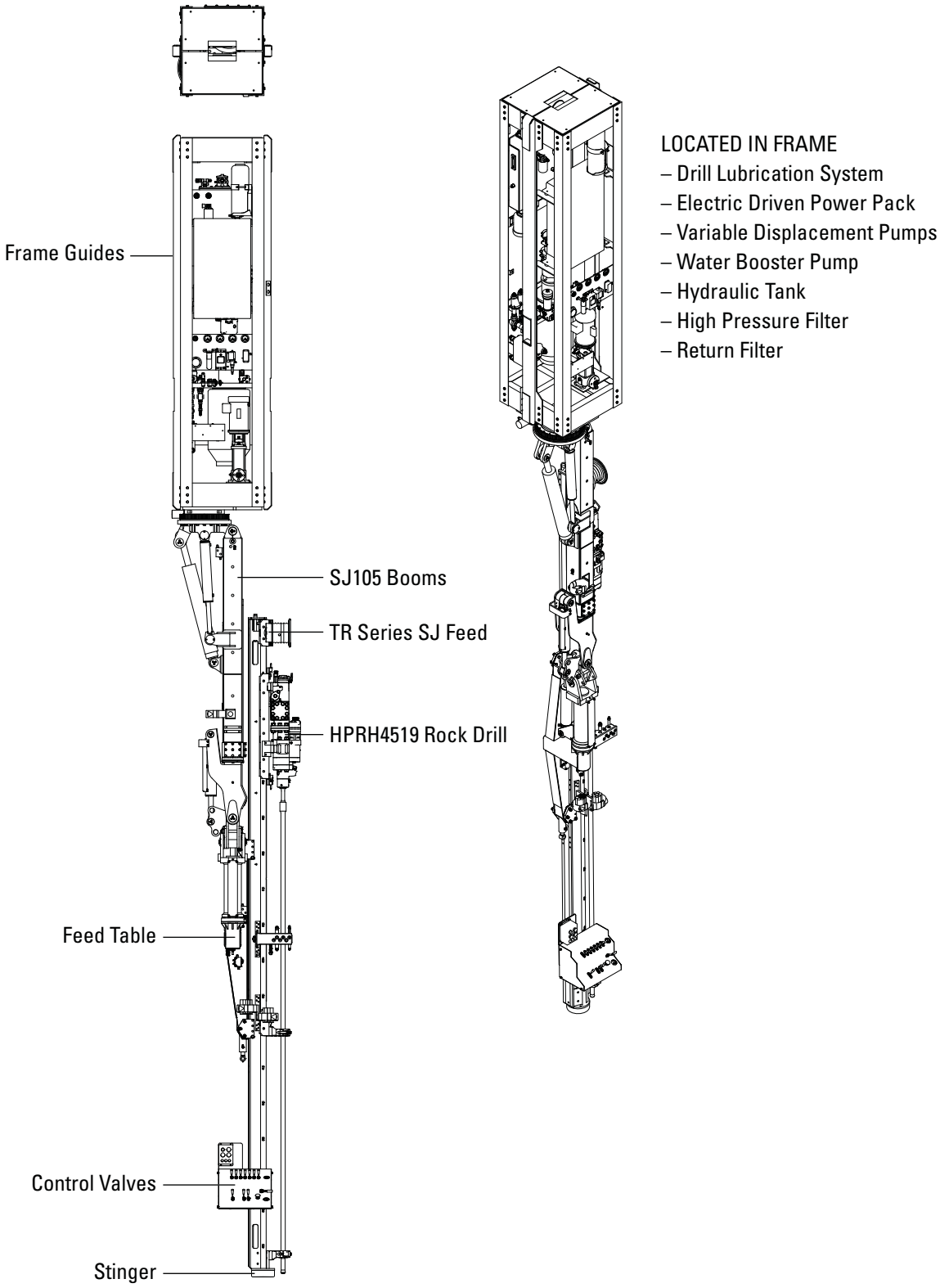

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