

# NL-500T/700T Diamond Core Drill

## Specifications

		<b>NL-500T</b>		<b>NL-700T</b>	
Drilling Capacity	m	NQ-WL - 550		NQ-WL - 700	
Drilling Angle	Degree	30° ~ 90°		30° ~ 90°	
Rod Length	m	6.0		6.0	
Spindle I.D.	mm	95		95/120(PQ)	
Spindle Stroke	m	1.85		1.85	
Spindle RPM & Torque	Gear	RPM	Torque N·m	RPM	Torque N·m
	1st	70 ~ 210	5,390	70 ~ 210	6,140
	2nd	150 ~ 300	3,820	150 ~ 300	4,350
	3rd	250 ~ 500	2,310	250 ~ 500	2,633
	Top	470 ~ 1,200	954	470 ~ 1,200	1,080
Feed					
Max. rated Pulling Force	N	80,000		80,000	
Max. rated Thrust Force	N	50,000		50,000	
Hydraulic Pump					
Primary	L/min-Mpa	175 - 20.0		175 - 25.0	
Secondary	L/min-Mpa	58 - 17.5		120 - 17.5	
Third Pump	L/min-Mpa	58 - 14.0			
Prime Mover		87hp (65Kw) 2,100 rpm		150hp (112Kw) 2,300 rpm	
Main Hoist					
Max. Line Pull	N	47,460		58,800	
Line Speed	m/min	24		28	
Wire Length	m - Φ	60 - 16		60 - 16	
Wireline Hoist					
Max. Line Pull	N	9,800 (Bare Drum)		9,800 (Bare Drum)	
Line Speed	m/min.	65 (Bare Drum)		70 (Bare Drum)	
Cable	m - Φ	1,500 - 5		1,500 - 5	
Drill Weight (with Trailer)	kg	3,800		4,200	
Other		Mud Pump 120L/min - 3.7Mpa			
		Mud Mixer			
Optional Item		Skid Base			
		Outrigger			
		Mast Slide			
		Sliding Head			
		Operator Seat			
		Crawler			

### DRILLING DEPTH GUIDELINES

Drilling Capacity have been calculated, based on field experiences, and may be reasonably expected. Ratings are based on a vertical, straight, clean down hole using a 58,800N hoist (single line pull). Actual drilling capacity will depend on in-hole tools, conditions, drilling techniques and equipment used.



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