

"Lo-Dril"

Limited Access Drill Unit

Manufactured by Bay Shore Systems, Inc. the Lo-Dril system provides for many high and / or long reach solutions, and can be adapted to work with long augers for increased production output.



MAIN FEATURES

CARRIER:	Track mounted Komatsu 300 Excavator
WEIGHT:	85,000lbs – 102,000 lbs
TORQUE:	36,000 ft/lbs - 51,500 ft/lbs
DEPTH:	70 - 84 feet - plus tool length
MAX. DIAMETER:	12" diam. To 96" diam.
MATERIAL:	light to medium difficulty
DOWN PRESSURE:	12,000 pounds
OPTIMAL DIAMETER:	18" to 48"
TOWER HEIGHT:	22 ft.
ACCESS WIDTH:	8 ft.
REACH TO HOLE CTR:	10 ft.
WORK RADIUS:	24 ft. minimum



[close](#)**LöDril® Specifications**

Specification	Units	LMP	LM	LLM	HT	XHT	DH60
Rotary Torque†	ft - lbs	10,000	16,000	24,000	36,000	50,000	60,000
	n - m	13,500	22,000	32,500	49,900	68,000	81,000
Drill Speed Range*	rpm	20 - 40	25 - 50	30 - 60	30 - 60	20 - 40	20 - 40
Spin - off Speed	rpm	100	100	100	100	100	100
Hole Diameter	inch	36	48	60	72	96	120
	mm	900	1,200	1,500	1,800	2,400	3,000
Hole Depth**	ft	30 - 50	30 - 100	30 - 80	30 - 80	30 - 80	30 - 100
	m	9 - 15.2	9 - 30	9 - 24	9 - 24	9 - 24	9 - 30
Attachment Height	ft	12	11 - 18	17 - 24	14 - 24	18 - 25	18 - 30
	m	3.7	3.5 - 5.5	5.2 - 7.3	4.3 - 7.3	5.5 - 7.6	5.5 - 9.1
Attachment Weight** (x 1000)	lbs	4	7 - 9.5	12 - 13	14 - 16	17 - 18	21 - 22
	kg	1.8	3.2 - 4.3	5.4 - 5.9	6.4 - 7.3	7.7 - 8.2	9.6 - 10
Std. Kelly Winch Size (line pull)	lbs	5,000	12,000	18,000	18,000	25,000	30,000
	m - ton	2.25	5.5	8.2	8.2	11.3	11.3
Hydraulic Flow Capacity*	gpm	2 x 20	2 x 35	2 x 50	2 x 64	2 x 75	2 x 85
	l/min	2 x 76	2 x 132	2 x 189	2 x 242	2 x 284	2 x 322
Excavator Weight Class	lbs	26,500	44,000	68,000	77,000	88,000	110,000
	ton	12	20	31	35	40	50

†Running torque at low drill speed *depending on excavator **depending on kelly bar drill depth