

 **RASA INDUSTRIES, LTD.**
Electronic Material



PIPE JACKING MACHINE



UNICORN

UNICORN SLURRY PIPE JACKING MACHINE FOR
BOULDER AND ROCK LAYER APPLICATION

DH
400 ~ 2400mm



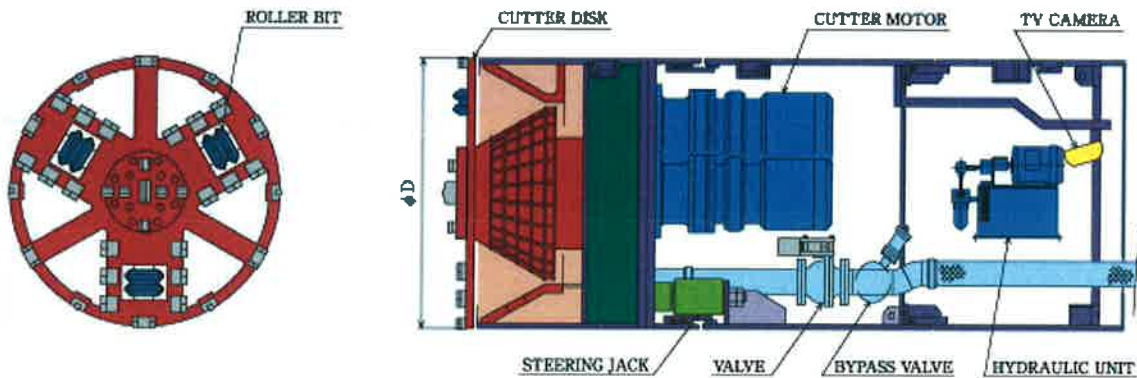
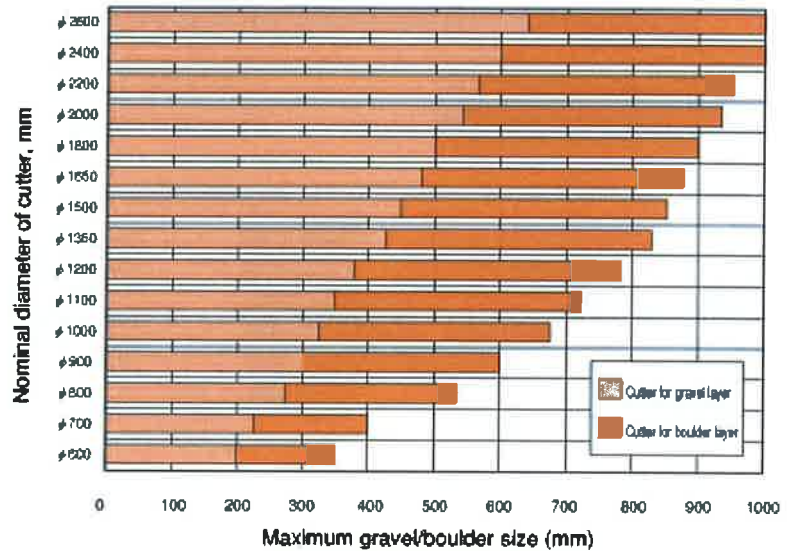
☑ Three outstanding features

1. Powerful crushers
The primary and secondary crushing mechanisms that are driven by a large torque power are provided.
2. Greater Applicability
With a variety of cutter disks available the machine can be used for excavating through various types of soil.

3. Economy

Its simple construction and remote control for various functions will reduce the running cost to a minimum.

Applicability of cutter size to max. gravel size



Specifications of DH type machine

I.D.	Dimensions (mm) φD×L	Weight (t)	Power (kW×set)	Torque (kN·m)		Revolution (min ⁻¹)		Steering Jack (kN×set×set)	Hydraulic unit (kW)	Piping in shield body (mm)
				60Hz	80Hz	50Hz	60Hz			
φ500	790×2485	3.6	7.5×2	19	16	7.6	9.1	160×20×4	0.75	100
φ700	910×2575	4.0	11×2	33	28	6.4	7.6	270×30×4	0.75	100
φ800	990×2575	5.0	7.5×3	42	35	5.2	6.2	270×30×4	0.75	100
φ900	1110×2585	6.7	11×3	73	60	4.3	5.2	370×30×4	2.2	100
φ1000	1230×2600	8.0	11×3	80	66	4.0	4.8	420×30×4	1.5	100
φ1100	1340×2880	9.5	15×3	101	84	4.2	5.1	420×30×4	1.5	100
φ1200	1480×2880	12.0	15×3	122	101	3.5	4.2	420×50×4	1.5	100
φ1350	1630×3015	13.0	22×3	201	168	3.1	3.8	750×50×4	2.2	150
φ1500	1810×3105	17.0	22×3	250	209	2.5	3.0	750×50×4	3.7	150
φ1650	1980×3150	21.0	22×3	314	262	2.0	2.4	1000×50×4	3.7	150
φ1800	2150×3320	25.0	18.5×4	411	342	1.7	2.1	630×50×8	3.7	150
φ2000	2375×3495	28.0	22×4	557	464	1.5	1.8	750×100×8	3.7	150
φ2200	2610×3820	37.0	30×4	561	467	1.5	1.8	1000×100×8	3.7	150
φ2400	2840×3990	41.5	30×4	758	632	1.5	1.8	1000×100×8	5.5	150
φ2600	3070×3990	47.0	30×4	890	730	1.3	1.6	1000×100×8	5.5	150

• Numbers in parentheses represent the machine for gravel layer application.
 • Heavy duty cutter type for boulder and rock can be used by on the above DH type machine.

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