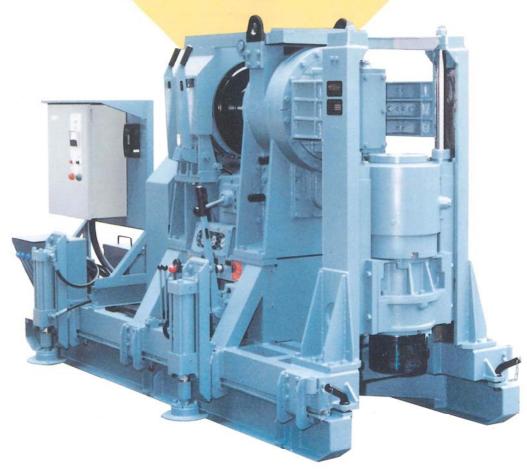
## **LOW HEAD TYPE**

## TBM-88LH-150 TBM-88LH Drilling Machine



\* Out-riggers shown in the above picture are optional.

Low position of drill head with hydraulic and manual chucks ensures safety and effective operation

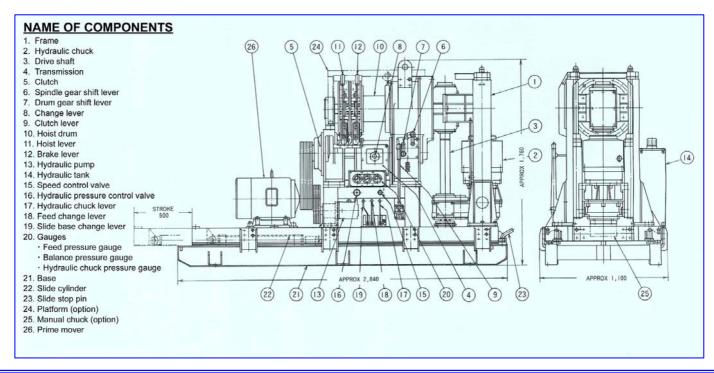


## **Features**

- Standard hydraulic chuck enables safety and efficient chucking work by lever operation to improve drilling rate.
- Low position of rotary head with 1200mm height above drill base allows safety and shorter connection of drill rod.
- Compared with conventional spindle type drilling machine, a longer drill rod can be used at the space with limited head room, resulting in better drilling rate.
- Out-riggers, lower manual chuck and platform are available as option.

**Technical Specifications** 

Capacity			Hoist		
	Hole Dia.(mm)	Depth (m)	Туре	Planetary gear, hand brake	
For Large Hole Drilling for Foundation	1000	80	Drum size (mm)	Length: 210 Dia: 220	
	1200	50	Rope size (mm)	14	
	1500	40	Drum capacity (m)	85	
For Water Well Drilling	200	500	Rope speed (m/min.)	14, 29, 48, 70	
	400	300	Single line pull (kN)	39.20	
	500	200	Hydraulic Pump		
Swivel Head Assembly	TBM-88LH-150	TBM-88LH	Туре	Variable volume, vane	
Type	Twin hydraulic cylinder		Discharge volume (L/min.)	0 – 45	
Spindle I.D. (mm)	150	93	Working pressure (MPa)	0.98 - 6.07	
Spindle stroke (mm)	450		Max. pressure (MPa)	10.29	
Angle range	For vertical only		Frame		
Spindle speed (min <sup>-1</sup> )	A series: 30, 60, 100, 145 R24		Туре	Skid base with slide cylinder	
	B series: 50, 100, 170, 240 R40		Slide stroke (mm)	500	
Max. thrust (kN)	71.54		Power Unit		
Max. balance (kN)	59.78		Electric motor	18.5 kW-4P	
Transmission			Diesel engine	30 - 40 PS/1800 min <sup>-1</sup>	
Туре	Sliding gear		Weight (kg)	TBM-88LH-150	TBM-88LH
Type of clutch	Single plate dry disc		Weight w/o power unit (kg)	3,400	3,150
Input drive shaft rpm (min <sup>-1</sup> )	1,300		Dimensions (mm)	L2840 x W1100 X H1760	





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