

For Medium-Hard Rock & Large Cross-Section

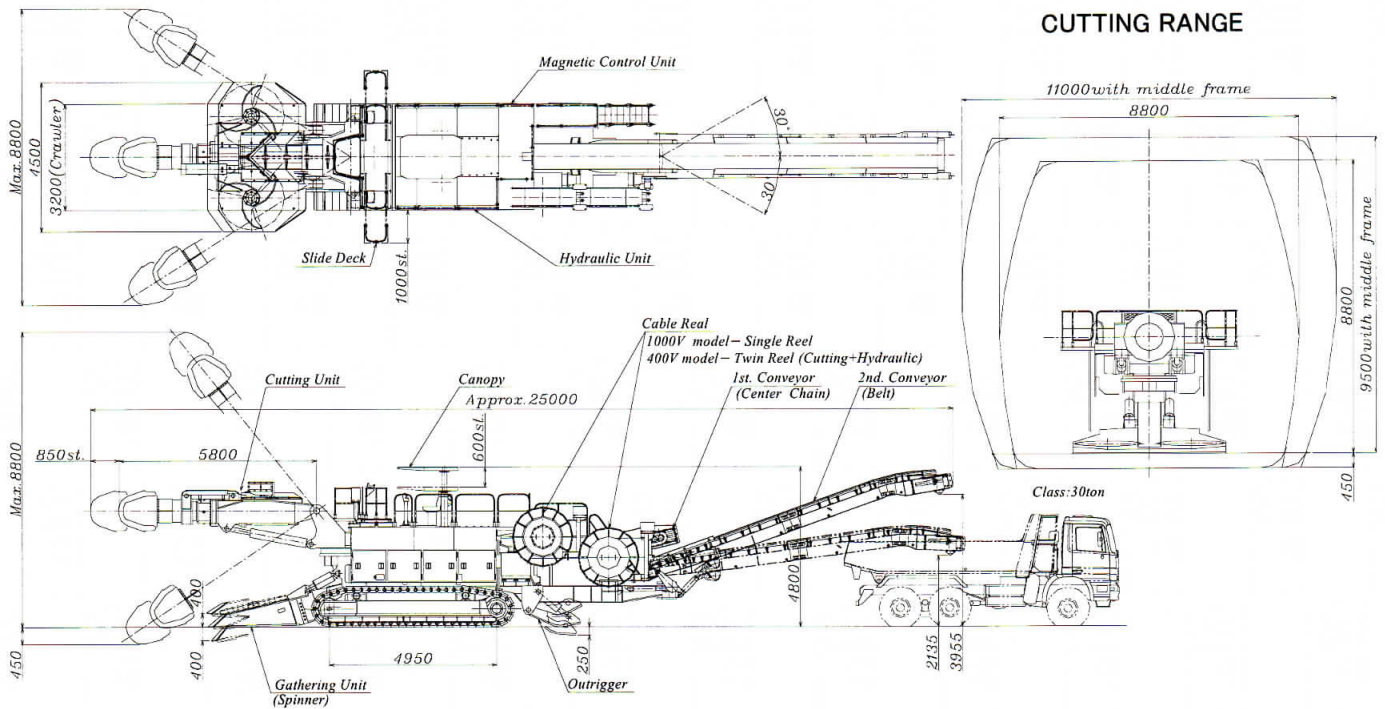
SLB350 ROAD HEADER



FEATURES

- 1 SLB350 Road Header is a tunneling machine developed for excavation of a wide range of midium to hard rocks. Maximum cutting height is 8.8m, enabling application to large-cross-sectional tunnel excavation for roads and railroads.
- 2 Machine is capable of excavating hard rock up to 130MPa compressive strength, and has provide to be self-accommodating over a wide scope of geological conditions, resulting in performing safe and efficient tunneling.
- 3 The 350kw, 2-speeds pole-change power constant motor adopted provide the most efficient cutting force, Adequate torque can be provided for excavating medium to hard rocks. Cutting drum speed can be simply changed by switch operation for high or low speed, depending on rock hardness.
- 4 Trouble and malfunction of machine is displayed on-board monitoring unit and it is useful for prevention of possible troubles and machine maintenance.
- 5 The operator's seat is located to the center of machine. Using a remote control unit, the Road Header can be operated at a distance from the operator's seat. The retractable slide deck enable operator to view cutting drum through-out operation.
- 6 The power control system adopted detects current of the motor used for cutting and automatically controls drum moving speed according to cutting loads. And if you can separate 2type drum for the geological conditions, machine have drum for midium rocks and drum for soft rocks

GENERAL DRAWING



SLB-350S TYPE MAJOR SPECIFICATIONS

Overall length	m	25	No.1 conveyor	Center chain conveyor
Overall height	m	4.8	Conveyor width	m 0.75
Overall width	m	4.5	Conveyor speed	m/min 36/43-50/60Hz
Total weight	ton	115	No.2 conveyor	Belt conveyor
Cutting height	m	8.8	Belt width	m 0.9
Cutting width	m	8.8	Conveyor speed	m/min 61/73-50/60Hz
Under cut	m	0.45	Travel speed	m/min High 12.5/15-50/60Hz Low 6.3/7.5-50/60Hz
Cutting motor(Rated)	kW	350/350-4/6P		
Hydraulic motor(Rated)	kW	110-4P	Crawler shoe width	m 0.8
Total installed power	KW	465.9	Track width	m 3.2
Drum revolution	min ⁻¹	High 46/55-50/60Hz	Ground pressure	MPa 0.15
		Low 31/37-50/60Hz	Gradeability	° ±15
Extension stroke	m	0.85	Water spray system	High pressure water jet
Gathering width	m	4.5	Oil tank capacity	L 1200
Gathering arm revolution	min ⁻¹	26/31-50/60Hz	Supply voltage	V 400/440-50/60Hz
Loading capacity	m ³ /min	Max. 4.8/5.8-50/60Hz	Required power	KVA more than 600

Note : Above specifications are may be changed without notice.



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