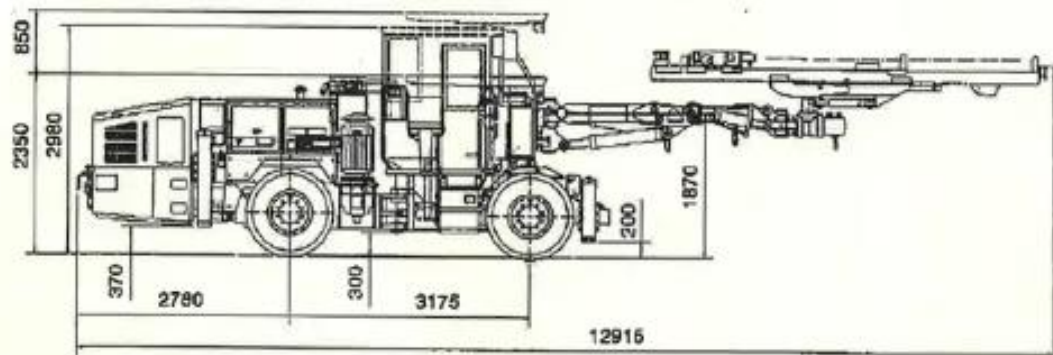


TAMROCK**MINIMATIC 205-40**6-3100-A
1998-06-05

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Technical description

The Minimatic 205-40 is a Power Class two boom electrohydraulic jumbo for rapid drifting and tunnelling in 8 - 49 m² cross sections.

The robust universal booms have a large optimum shaped coverage, 358° rotation and full automatic parallelism for fast and easy face drilling. The boom can also be used for cross-cutting and bolt hole drilling.

The jumbo layout is designed for good visibility and balance, this and the powerful four-wheel-drive center articulated carrier guarantees fast and safe tramming.

The high performance drilling system allows high drilling performance with good drill steel economy and high machine reliability.

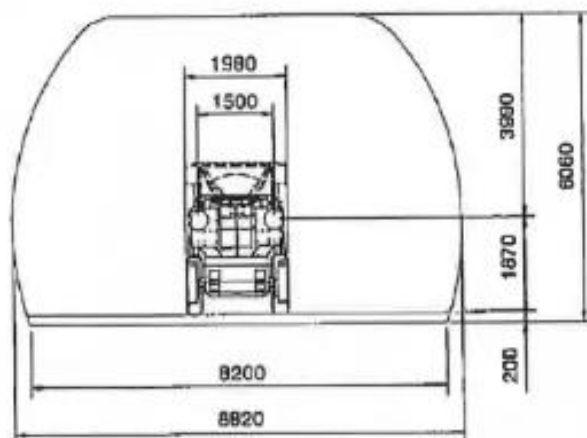
The operator environment and added automatic functions allow the operator to concentrate on safe, fast and accurate drilling.

All service points are well protected but easy to access. The hydraulic pilot operated control system is equipped with quick coupling measuring points for faster troubleshooting and minimized maintenance time.

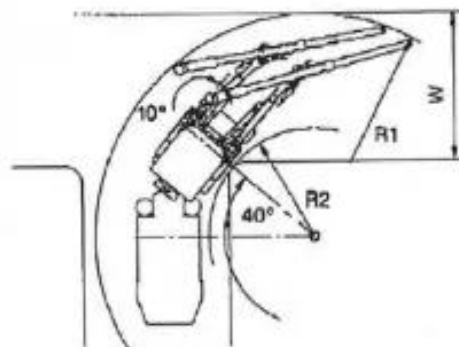
Components in basic model

1. Carrier	1 x TC 200
2. Rock drill	2 x HL 500 S
3. Feed	2 x CF 145x12
4. Boom	2 x TB 40
5. Control panel	2 x THC 500
6. Powerpack	2 x HP 545, 45 kW
7. Oil cooler	2 x OW 30
8. Main switch	1 x MSE 20
9. Hydraulic jack	2 x HM 40
	2 x HM 75
10. Water pressure valve	1 x WP 70
11. Water booster pump	1 x WBP 2, 4 kW
12. Automatic cable reel	1 x AK 2
13. Shank lubricating device	1 x KVL 10-2
14. Compressor	1 x C 1000
15. Lighting:	4 x 500 W, 220 V
	6 x 70 W, 24 V
16. Safety canopy	1 x Hydraulic

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Parallel coverage (0° lookout angle)



FEED TF500-X	R1	R2	W
10'	6200	3200	4050
12'	6300	3200	4150
14'	6450	3200	4250
16'	6600	3200	4400

Main weights, dimensions and performance

Length with CF 145x12	12 915 mm
Width	1980 mm
Height, min	2350 mm
max	3200 mm
Weight	18000 kg
Tramming speed	
horizontal	10 km/h
14 % = 1:7 = 8 degrees	4 km/h
Gradeability	26 % = 1:3,5 = 15°
Noise level	
operator platform	105 dB(A)
	ISO 6394-1965
emitted noise level	103 dB(A)
	ISO/DIS 11201-1993

HL 500 S rock drill

Weight	130 kg
Length	1000 mm
Profile height	76 mm
Power class	16 kW
Max. working pressure	
- Percussion	175 bar
- Rotation	175 bar
Max. torque	400 Nm
Hole size	45 - 57 mm
Recommended steel	R36-H35-R32
	R36-H32-R32
Shank adapter	7804-7531-01
Flushing water pressure	10 - 20 bar