

The AM 50 roadheader – technical specifications

A low and a high version of the AM 50 roadheader is available on the market. They differ primarily in their mining capabilities. The low version allows the mining of cross-sections up to 16.4 m², while the high version increases it to 22 m². The maximum mining heights and widths, as well as the total weight of the machine, also vary accordingly.

The technical specifications given below take into account the parameters of the low and high version.

Parameter	Value
Total length	7470-7660 mm
Height	1645-1845 mm
Width	1845-2000 mm
Total weight	26-28.4 t
Unit ground pressure	0.11 MPa
Power supply	
Supply voltage	500 V, 660 V or 1000 V (depending on version)
Cutter motor power	100-132 kW
Total installed power	133-169 kW (depending on version and accessories)
Cutting parameters	
Maximum cutting cross-section from one position	16.4-22 m ² (depending on version)
Maximum cutting height	3758-4262 mm
Maximum cutting width	4800-5100 mm
Cutting speed	2.51 m/s
Cutter head type	Transverse