

TECHNICAL DATA | L1200S



Automated Guided Vehicle

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The intelligent L1200S, extremely low in design, moves under the load carriers to lift and transport them to the defined destination. A Grenzebach fleet manager computes, determines and realizes the routing based on contour navigation.

The Automated Guided Vehicle is a completely intrinsically safe system, also thanks to two certified laser scanners. The L1200S can therefore navigate in areas occupied by pedestrians or other vehicles.

With its 1.2 tons payload the vehicle can transport 4 times its own tare weight. And it can cope with a high variety of load carrier types: Tables, trolleys, racks and shelves with specifically customized dimensions can be handled.



Length	1238 mm
Width	693 mm
Height (lifting plate down)	340 mm
Height (lifting plate up)	400 mm
Payload	1200 kg
Speed (empty)	Up to 1 m/s
Speed (loaded)	Up to 1 m/s
Turning radius	Pivot in stationary location or ≤ 1 m
Navigation	Contour navigation (safety scanner detects surrounding and compares with internal map)
Travel	Forwards and backwards
Safety	Present with certified devices
Programmable protective fields	16 per scanner
Available safety scanners	2
Battery	AGM Lead
Loading system	Contactless with inductive power transmission
Operating time	24 hours, 7 days
Overall weight	300 kg

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