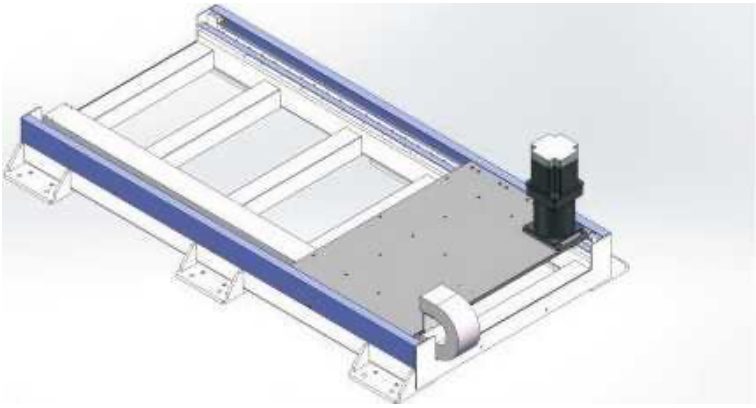
HTDG1200 Custom ground rail

DG1200 · Custom ground rail series

Width and precision can be customized for your project.



DG1200 product illustration

Reviewed specifications

Parameter	Value
Gear-reducer specification code	220 mm
Gear lead	400 mm
Horizontal load	4000 kg
Repeatability	±0.1 mm
Stroke note	Length unrestricted / interval 100
Gear specification	4M
Linear guide (source code)	45
Ordering example (reference)	DG1200-L400-S500-R220-C4-D-K
Sensor model	Outside FC307 (NPN)

A unit is printed only where the source states one.

Installation drawings are in the separate dimension atlas.

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Engineering reference

Application notes

Application reference: The source describes the ground rail as a robot external travel axis (seventh axis), extending the travel area for coating, welding, machining, smart warehousing and automotive applications.

Installation reference: With and without sheet-metal shielding are shown on the facing source drawing page.