

Rail Static Bend Testing Machine



Picture is for reference only

GGW Series Servo-hydraulic Rail Static Bend Testing Machine

designed for testing of rails after welding; analysis is performed at the edge of the weld collar of an aluminothermic weld, in order to examine one of the failure modes that occur in this weld type under high axle load conditions

Using the GGW Rail Static Bend Testing Machine during the installation of rail allows the user to periodically test the quality of welds.

Specification:

Model	GGW-300	
Capacity	kN	3000
Load resolution	kN	Capacity/300, 000 (fully auto scaling of single measurement range)
Machine specifications	Stroke	
	in	11.81
	mm	300mm
	Testing speeds	
	in/s	0.0276~0.0472
	mm/s	0.7~1.2
	Loading rate	
	kN/S	40~120

Bend test arrangement	Bearer span	
	in	39.37±0.197
	mm	1000±5
	Bearer radius	
	in	0.984~2.756
	mm	25~70