UNDERFLOOR · RAIL VEHICLES

Rail Scale WD 40

Underfloor rail scale for static weighing of rail-bound vehicles.

TECHNICAL DATA

Design	• In-ground scale with precast reinforced concrete deck and pit, relocatable • Optionally with S 49 or PH 37 rails for standard-gauge railways • With electromechanical weighing mechanism and operating terminal with weight display, data storage and interfaces
Special features	• Robust, highly reliable, durable and easy to maintain • For rail-bound vehicles only
Load capacity	• Design loads according to Load Model 71
Weighing capacity	• Up to 150 t, scale intervals of 20 kg or 50 kg • Accuracy class III, verifiable (legal for trade)
Dimensions	• Single deck: length from 4.5 m to 15.0 m • Up to 3 decks combined: length max. 45.0 m • Width as required, up to 3.5 m • Pit depth: 1.4 m
Operation	• Manual, by weighbridge operator or driver
Weighing terminals	• IT series, made in Germany, with EU type approval
Load cell system	• Analogue strain gauge load cells with pendulum or elastomer bearings
Options	• Gap bridging, angled rail cuts, various operating terminals, digital strain gauge load cells, additional equipment, other rail profiles, special track gauge, verified structural analysis

Subject to technical changes.