



UNDERFLOOR · ROAD AND RAIL VEHICLES

# Combined Rail and Truck Scale WD 50

Underfloor rail and truck scale for static weighing of road and rail-bound vehicles.

## TECHNICAL DATA

|                           |                                                                                                                                                                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Design</b>             | <ul style="list-style-type: none"><li>● In-ground scale with precast reinforced concrete deck and pit, relocatable</li><li>● With PH 37 rails for standard-gauge railways</li><li>● With electromechanical weighing mechanism and operating terminal with weight display, data storage and various interfaces</li></ul> |
| <b>Special features</b>   | <ul style="list-style-type: none"><li>● For road and rail-bound vehicles</li><li>● Robust, highly reliable, durable and easy to maintain</li></ul>                                                                                                                                                                      |
| <b>Load capacity</b>      | <ul style="list-style-type: none"><li>● Design loads according to Load Model 71</li></ul>                                                                                                                                                                                                                               |
| <b>Weighing capacity</b>  | <ul style="list-style-type: none"><li>● Up to 150 t, scale intervals of 20 kg or 50 kg</li><li>● Accuracy class III, verifiable (legal for trade)</li></ul>                                                                                                                                                             |
| <b>Dimensions</b>         | <ul style="list-style-type: none"><li>● Single deck: length from 4.5 m to 15.0 m</li><li>● Up to 3 decks combined: length max. 45.0 m</li><li>● Width as required, up to 3.5 m</li><li>● Pit depth: 1.4 m</li></ul>                                                                                                     |
| <b>Operation</b>          | <ul style="list-style-type: none"><li>● Manual, by weighbridge operator or driver</li></ul>                                                                                                                                                                                                                             |
| <b>Weighing terminals</b> | <ul style="list-style-type: none"><li>● IT series, made in Germany, with EU type approval</li></ul>                                                                                                                                                                                                                     |
| <b>Load cell system</b>   | <ul style="list-style-type: none"><li>● Analogue strain gauge load cells with pendulum or elastomer bearings</li></ul>                                                                                                                                                                                                  |
| <b>Options</b>            | <ul style="list-style-type: none"><li>● Gap bridging, angled rail cuts, various operating terminals, digital strain gauge load cells, additional equipment, other rail profiles, special track gauge, verified structural analysis</li></ul>                                                                            |

Subject to technical changes.