

Model RT Ultra Low Profile Scale

NOVA WEIGH

- **Extremely low loading height ensures safety and convenience of use**
- **No pit required - ideal for hygienic applications**
- **Can be lifted and repositioned**
- **Choice of materials and finishes including GMP (FDA) finish for pharmaceutical plants**
- **ATEX certified versions for gas and dust Ex areas**
- **EC 'Legal for Trade' even in hazardous areas (with suitable weight indicator)**
- **Compatible with the full range of Nova Weigh weight indicators and batch controllers**

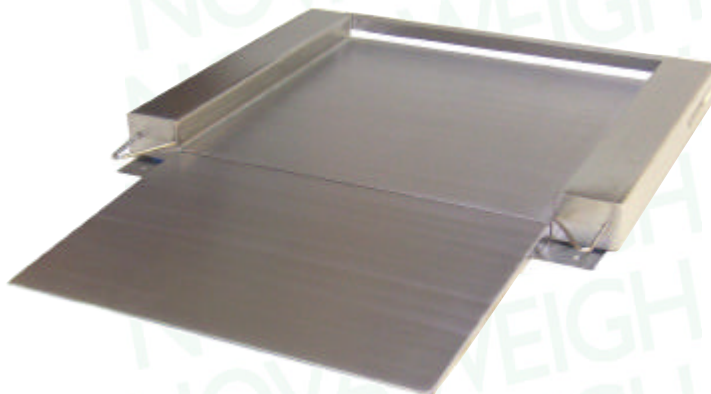


Illustration is typical and includes optional rear stop bar

Low-profile design

This ultra low profile scale design is ideal where the loading height of a weigh scale must be minimised to ensure the safe and simple loading of IBCs, drums etc.

The absence of a pit makes this scale ideal for hygienic industries such as food, beverages and pharmaceuticals. Another benefit of surface mounting is the convenience of being able to reposition the scale.

Construction

Four precision load cells are fitted, two in each side rail. This makes the loading plate much closer to the ground than with conventional designs. Stainless steel or alloy steel load cells are available.

For general industrial use, a painted mild steel version is hardwearing and cost effective. For hygienic applications, 304L or 316L grade stainless steel is normally specified.


ATEX Directive version for potentially explosive areas

If the area of use is Zoned as hazardous, then the ATEX certified version must be used. This complies with the latest European legislation and is suitable for both dust and gas hazards.

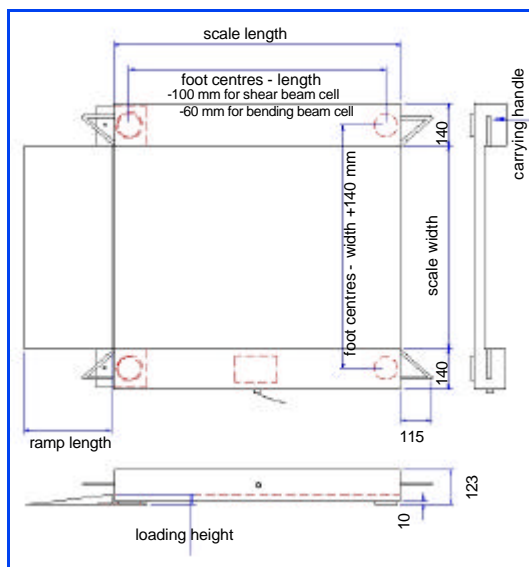
'Legal for Trade' Weighing

Versions can be stamped for 'Legal for Trade' weighing, even within potentially explosive areas.

Technical Specification

Material of manufacture and finish	Mild steel Paint finish blue to RAL 5014
	Stainless steel 304L brush grain 316L brush grain
Pharmaceutical GMP (FDA) finish for stainless steel scales	240 grit or specific $\mu\text{m Ra}$ values can be provided - refer to quotation for details
Ramp	Optional second ramp
Feet	Adjustable feet <300 kg - 303L stainless steel/rubber >500 kg - food grade rubber
Foot locators	Optional stainless steel plates to be screwed to floor to prevent scale shifting in use
Levelling	Feet adjustable, level bubble included for 'Legal for Trade' scales
Installation	Designed for surface mounting, no pit required
Lifting handles	Two at each end Scales <600 x 600 mm lifting handles optional
Load cells	Mild steel models - four off IP67 alloy steel Stainless steel models - four off IP68 stainless steel
Junction box	ABS junction box with cable entry via compression glands. Stainless steel option also available
Optional European Trade Approvals	* 3,000 d EC approval * 4,000 d EC approval * 6,000 d EC approval * 3 x 3,000 d multi-range EC approval (must be used with approved instrument from
 Optional ATEX certification for dust and gas hazards	Zones 1, 2, 21 & 22
Signal cable	Standard 5 metre lead supplied for connection to digital weight indicator. Note: When connected to ST indicator a 10 metre lead will be supplied.
Instrumentation	Compatible with the entire range of Nova Weigh weight indicators and batch controllers
Special versions	Nova Weigh can supply special versions including back stops etc

Dimensions



Dimensions and capacities

Capacity (kg)	0-1500	0-3000
Loading height (mm)	45	60
Platform dimensions (mm) L x W	1000 x 1000 1250 x 1250	1500 x 1500
Ramp length (mm)	300	500
Special platform sizes can be supplied to order		



NOVA WEIGH



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BS EN ISO 9001:2000 Cert No: FM 11445

Nova Weigh's policy of constant product development dictates that we may alter specifications and or the appearance of our product range without notice.