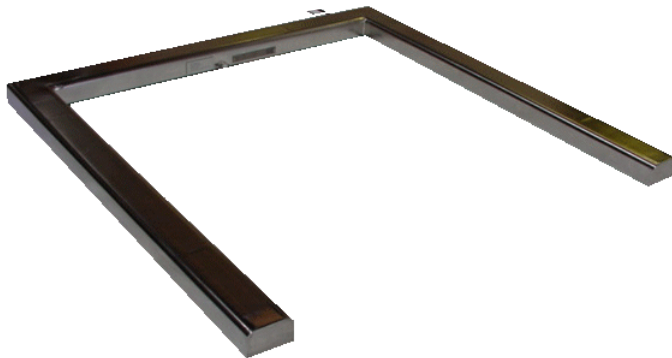


## Model PU Scale

- **Easy loading by pallet car or forklift truck, suitable for IBCs and pallets**
- **No pit required - ideal for hygienic applications**
- **Can be lifted and repositioned, wheels and handles available as option**
- **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**



### Applications

This 'U' scale is an ideal design for weighing IBCs and pallets etc. The scale is surface mounted and the absence of ramps makes for speed and safety in the handling of goods. When loading by pallet car, the front wheels of the car are positioned between the arms and the forks lowered until the load rests on the scale. The car can then be withdrawn.

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. Integral wheels and lifting handles are available as an option if the scale is moved frequently.

### Construction

Four precision load cells are fitted, two in each arm of the scale. Stainless steel or alloy steel load cells are available.

The load rests on the two arms and optional guides can be fitted, eg to position an IBC precisely to mate with a filling head.

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

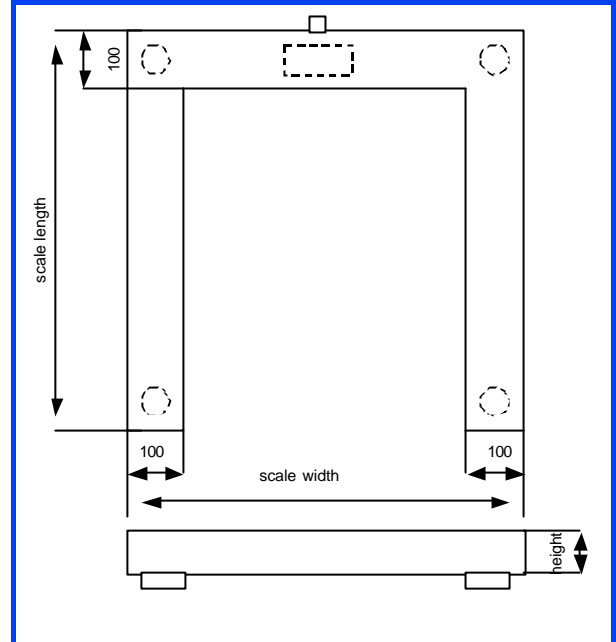
Versions can be stamped for 'Legal for Trade' weighing, even within potentially explosive areas.

## 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
Optional IBC guides	The PU scale can be equipped with IBC guides to suit application
Installation	Designed for surface mounting, no pit required
Feet	Adjustable with food-grade nitrile rubber feet
Foot locators	Optional stainless steel plates to be screwed to floor to prevent scale shifting in use
Optional handles	One at front of each side beam
Optional wheels	One at rear of each side beam to assist moving of scale for cleaning etc
Junction box	ABS junction box with cable entry via compression glands
Load cells	Mild steel models - four off IP67 alloy steel Stainless steel models - four off IP68 stainless steel
Optional European Trade Approvals	<ul style="list-style-type: none"> <li>• 3,000 d EC approval</li> <li>• 4,000 d EC approval</li> <li>• 6,000 d EC approval</li> <li>• 3 x 3,000 d multi-range EC approval (must be used with approved instrument from</li> </ul>
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. <b>Note:</b> 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
Dimensions and capacities	
Capacity (kg)	<b>0-1500</b> <b>0-3000</b>
Loading height (mm)	75-85                              80-90
Platform dimensions (mm) L x W	1000 x 1000 1250 x 1000 1250 x 1250 1500 x 1500
Special platform sizes can be supplied to order	



## Dimensions



# 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.