

## Mobile Platform Scale

- Ultra-low 35 mm loading height for safety and convenience
- Optional ramp
- Painted steel or stainless steel versions
- Fully adjustable swivel head for easy viewing
- Choice of weight indicators
- ATEX certified versions for gas and dust hazard Ex areas 
- Extended battery life with 'sleep mode'
- Options include on-board printers and barcode scanners
- Suitable for parts-counting and dosing
- EC 'Legal for Trade' even in hazardous areas
- Levelling device fitted



Mobile platform scale with ST indicator

### Safe ultra low-profile design

Safety and convenience are the essential attributes of a modern mobile scale. Nova Weigh's design is based upon years of experience in designing and building mobile weigh scales for industry.

By reducing the loading height, the scale becomes safer and easier to use. The 'drive-in' scale reduces the loading height to approx. 35 mm - much less than most designs. The ramp can be shorter meaning that the scale takes up less space - critical in tight working environments. In use, the scale sits on four solid feet and not on the wheels so minimising the risk of the scale shifting during loading or unloading.

### Construction

The scale can be supplied in painted steel or in 304 stainless steel. Load cells are IP68 rated stainless steel to ensure reliable and accurate operation even in wash-down applications.

The two standard platform sizes are 800 x 800 mm and 650 x 650 mm but special versions can be manufactured to order.

The swivel head allows the weight display to be adjusted for convenient viewing.


### ATEX Directive version for potentially explosive areas

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

### 'Legal-for-Trade' weighing

Version can be stamped for Legal-for-Trade weighing, even within potentially explosive areas.

## TECHNICAL SPECIFICATION

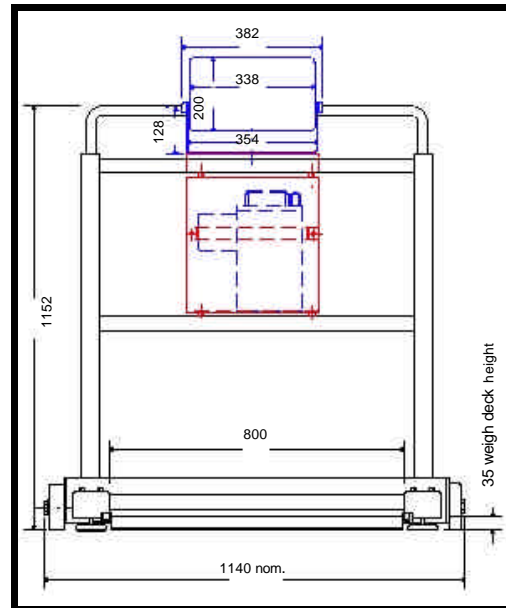
<b>Material of manufacture and finish</b>	<p><b>Mild steel</b> Paint finish blue to RAL 5014</p> <p><b>Stainless steel</b> 304L 2B mill finish Outside surfaces, 240 grit finish with welds as laid. Platform bead blast</p>
<b>Pharmaceutical GMP (FDA) finish for stainless steel scales</b>	Specific Ra finish can be supplied, welds ground smooth
<b>Feet</b>	Adjustable with food-grade rubber feet
<b>Levelling</b>	Feet adjustable, level bubble fitted
<b>Wheels</b>	<p>2 x 125 mm, only touch floor when scale is moved</p> <ul style="list-style-type: none"> <li>• Antistatic rubber (std)</li> <li>• Food-grade rubber</li> </ul>
<b>Load cells</b>	<ul style="list-style-type: none"> <li>• Four off precision shear beam cells, nickel plated, IP67</li> <li>• Four off precision shear beam cells, stainless steel, IP68</li> </ul>
<b>Junction box</b>	ABS junction box with cable entry via compression glands
<b>Optional European Trade Approvals</b>	<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 (must be used with approved instrument from Nova Weigh range)</li> </ul>
<b>Optional ATEX certification for dust and gas hazards</b>	<p>Zones 1,2, 21 &amp; 22</p> 
<b>Instrumentation</b>	Compatible with the entire range of Nova Weigh weight indicators and batch controllers
<b>Battery</b>	Rechargeable accumulator on board, in the ATEX certified version the battery must be removed for charging. Time between charges varies with instrument. Typically 12-30 hours of use (for Model ST).
<b>Special versions</b>	Versions with on-board barcode scanners, printers and wireless data links etc, are available

### Dimensions and Capacities

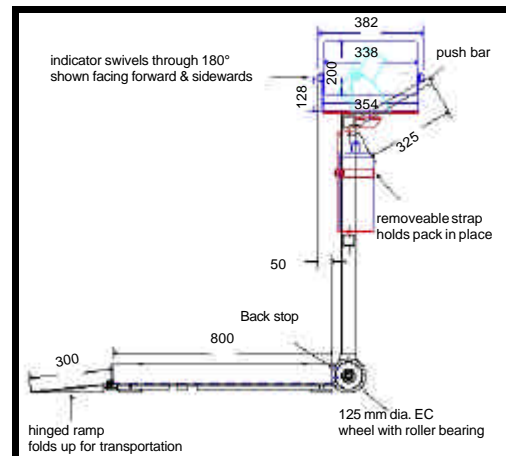
Capacity (kg)	0 - 300 0 - 600
Loading height nominal (mm)	35
Platform dimensions (mm) L x W	650 x 650 800 x 800
Special platform sizes can be supplied to order	

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

## DIMENSIONS (mm)



Mobile platform scale fitted with Model ST-Ex weight indicator



Key  
Red ST indicator & battery pack brackets  
Blue ST indicator & battery pack



# NOVA WEIGH



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Visit us on the web [www.novaweigh.co.uk](http://www.novaweigh.co.uk)

BS EN ISO 9001:2000 Cert No: FM 11445

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