



# W277

## Low Profile Corner Scales Standard Ranges 100 to 500kg

- ◆ Low profile for easy access
- ◆ Lightweight yet rugged design for long service life
- ◆ Corrosion resistant
- ◆ Custom versions available
- ◆ Used by most Formula One teams



The W277 Low Profile Corner Scales are only 31mm high allowing controlled roll-on/off vehicle loading.

Used extensively throughout the world of formula one racing the unique load sensing elements allow freedom of high camber, wide wheel placement and minor surface level irregularities.

Variants of the W277 can handle a maximum wheel load of 4000kg.

It is extremely strong though light enough to be easily carried using the integral handle provided.

A portable battery powered Novatech TR200/2 loadmeter can be embodied into each platform giving the added benefit of fast accurate suspension and fuel trim adjustments without a hazardous tangle of trailing leads. Other instrumentation options are available.

The W277 is available in a choice of colours. We are happy to design variants of this platform to meet your specific requirements. Please consult our engineering department.

Details of our loadcell families can be found in the Loadcell Specifier Guide. If you require a copy please contact our sales department or look on our web site at [www.novatechloadcells.co.uk](http://www.novatechloadcells.co.uk).

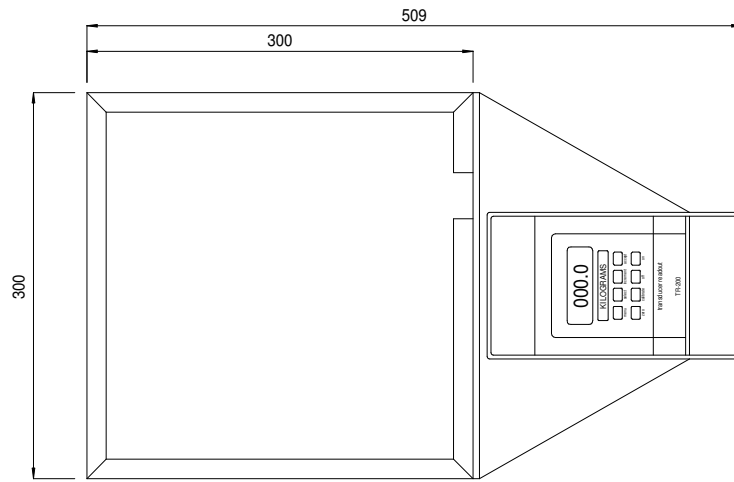
<b>Ordering Codes:</b>	See the loadcell ordering code sheet for more details. Add range in the required units.		
W277	Platform with integral handle	W277D	Platform with integral TR200 display

## W277 Specification

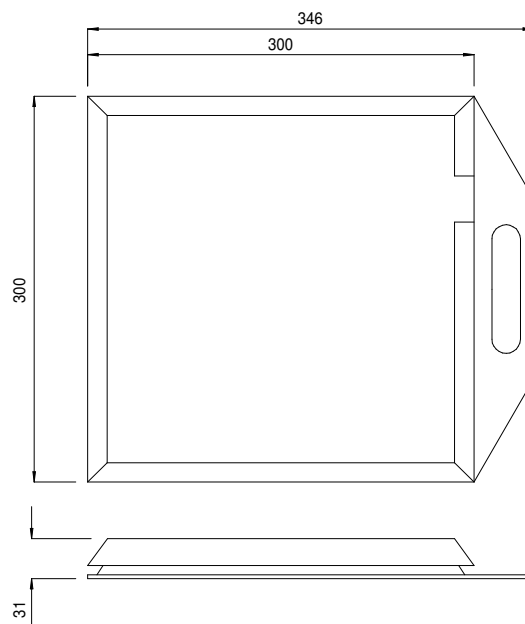
Parameter	Value	Unit
Ranges	100, 250, 350 & 500kg	
All ranges are available calibrated in pounds.		
Non-linearity – Terminal	±0.1	% RL
Repeatability	±0.02	% RL
Temperature effect on rated output per °C	±0.005	% AL
Temperature effect on zero load output per °C	±0.03	% RL
Temperature range - Compensated	-10 to +50	°C
Temperature range - Safe	-10 to +80	°C
Overload – Safe	50	% RL
Weight – Nominal	12.1	kg

### Notes

1. AL = Applied load.
2. RL = Rated load.
3. Temperature coefficients apply over the compensated range.



W277D



W277

Novatech reserves the right to vary the foregoing details without prior notice

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