


Model NWGLP Platform with Lifting Top Plate

- **Lifting top plate provides easy and safe access for cleaning**
- **Ideal for pharmaceutical and food applications where hygiene is critical**
- **Gas-spring assisted lift and support for top plate**
- **Safety-support enhances safe working**
- **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 appropriate weight indicator)**
- **Compatible with the full range of Nova Weigh weight indicators and batch controllers**



NWGLP with single gas spring

NOVA WEIGH

Ideal for hygienic environments

Some processes must be carried out in sterile areas to avoid product contamination. Weigh scales for use in these areas must be designed without traps or crevices and to be easily cleaned to a very high standard.

These considerations have meant that weigh scales mounted in pits have not been popular as the pits created an obvious hygiene problem. But some weighing tasks are best carried out with scales that are flush with the floor. Weighing a mobile vessel of the type popular in pharmaceutical processing is much easier when it can be pushed onto a flush with floor scale rather than up, even a shallow, ramp.

The NWGLP scale satisfies all these operational concerns. The stainless steel top-plate can be easily and safely raised to allow easy access to the pit for cleaning and maintenance.

Construction and lifting mechanism

The single piece lid is hinged at the rear edge and secured by two quarter-turn latching screws on the front. When these are released, the lid can be raised with gas-springs beneath the top plate providing most of the lifting effort.

In the raised position, the gas-springs safely support the top plate whilst cleaning or maintenance is carried out.

The gas-springs are manufactured in 316 stainless steel and the complete scale is available in 304L or 316L stainless with a choice of finishes to meet client's requirements. Certificated Ra finishes can be supplied to meet client's site requirements.

Each scale has four stainless steel load cells, sealed to IP68, with a junction box for signal cables.

The scale is supplied with a stainless steel pit frame for installation.

ATEX directive

If the area of use is zoned as hazardous (i.e. there is a potential dust or gas hazard present) then the ATEX certified version should be specified.

Legal for Trade

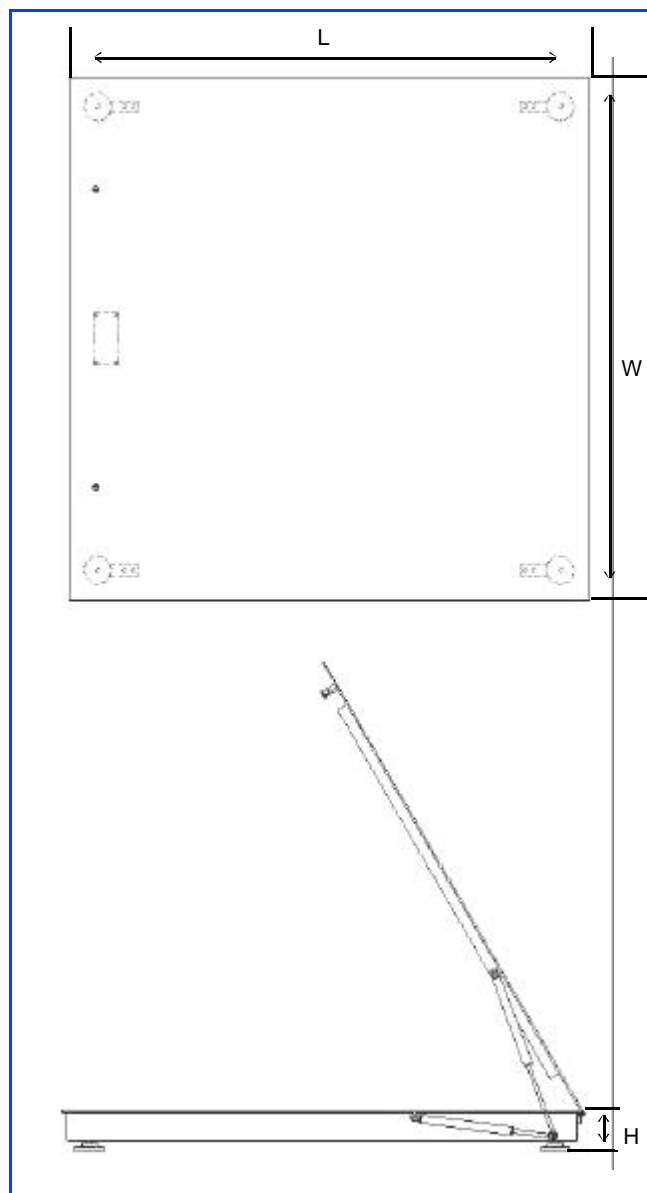
With the appropriate weight indicator, an NWGLP scale can be stamped for 'legal for trade' weighing even within a potentially explosive area.

Technical Specification

Material of manufacture and finish	Stainless steel 304L brush grain, standard 316L brush grain, option	
	Gas assist struts manufactured in 316 stainless steel	
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	
Pit frame	Supplied in same material as top plate	
Feet	Adjustable feet in 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	
Load cells	Four off IP68 stainless steel	
Optional European Trade Approvals	<ul style="list-style-type: none"> . 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 Nova Weigh range) 	
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 IBC guides etc	
Dimensions and capacities		
Capacity (kg)	300-1000	600-3000
Platform (mm) L x W	1000 x 1000	1250 x 1250 1500 x 1500
Nominal height (mm) H	120 (adjustable 118-130)	
Special platform sizes can be supplied to order		
Pit drawing available on request		



Dimensions



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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.