

Platform Sizes Non-Automatic Weighing Scales (OIML R76 – Class III)

Capacity (kg)	Size1 (mm)	Size 2 (mm)	Size 3 (mm)	Size 4 (mm)	Size 5 (mm)	Size 6 (mm)	Comment
Less than 60	Comply with loadcell specification (recommended platform size) and Allowable tolerances for measurements are less than or equal $\pm 1\%$ or ± 10 mm which is higher. Effective platform size is taken for measurements						Needed to fix the indicator to platform assembly for direct sales. Back rail is not mandatory.
60	400x450	400x500	450x600				Needed to fix the indicator to platform assembly for direct sales. Back rail is mandatory.
150	450x600	600x500	650x450	600x600	600x800		
300	550x600	600x600	700x600	600x800	800x800	1000x800	Can be fixed the indicator to platform assembly or location external to the weighing platform but indicator should clearly visible and within 5m from the center of the platform, back rail is not a mandatory requirement when the indicator is fixed in a location external to the weighing platform.
500	550x600	600x600	700x600	600x800	800x800	1000x800	
600	600x600	700x700	800x800	800x1000	1000x1000		
800	800x800	800x1000	1000x1000	1200x1000	1200x1200		
1000	1000x1000	1200x1000	1200x1200	1500x1500	2000x2000		
2000	1500x1500	2000x2000					

	Parameter	Minimum(mm)	Maximum(mm)
LH	Leg Height	25	100
IH	Indicator Height	850	1500
CBRIP	Clearance Back Rail to Indicator Poll	100	250
CBRI	Clearance Back Rail to Indicator	0	100
BRW	Back Rail Width	300	100% W
BRH	Back Rail Height	500	80% IH

- ▶ Allowable tolerances for all above measurements less than or equal $\pm 1\%$ or ± 10 mm which is higher
- ▶ All other dimensions shall be determined in design considering the stability long term durability and required performance
- ▶ Engineering drawing with complete detailed structural drawing mentioning the load cell mounting, leg adjustment details, level indicator location, and type, grade thickness and other specifications of the materials used shall be included with the application.

- ▶ Welding, coatings and painting details shall be provided along with the drawing
- ▶ Platform shall be covered to prevent access to the Load Cell and internal structure and shall not be removable.
- ▶ Platform shall be sealed and stamped to prevent access to load cell and wiring.



