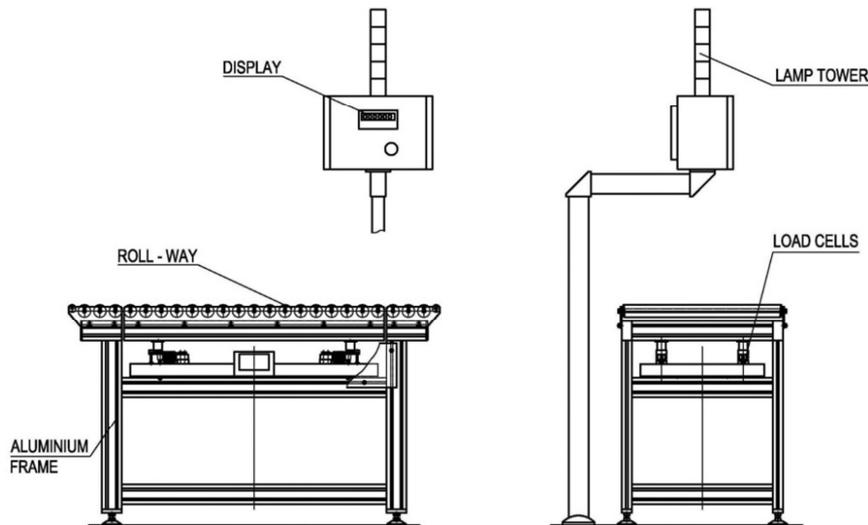


The in-motion weigher EMS1167 is mainly used in the rubber industry. Usually it is located beyond the extruder and according to dates from the weigher it is controlled the rate of extrusion.

The construction of the weigher consists of an aluminum frame and a roll-way divided into 3 sections. There are two start-up sections and a median section. The median section is mounted on four load cells and has exactly defined length. It means that also the weighed material has exactly defined length. Usually it is 0.5 m or 1 m.

The weight is indicated on a display, the tolerance checking on the lamp tower (red, orange, green, orange, red). The RS485, Ethernet or Profibus DP interfaces provide communication capabilities with the PLCs.



Technical data

Product data	
Product type	Rubber strips
Dimensions of the product	
Length	infinite
Width	100 – 600 mm
Max weight	20 kg
Max temperature of the product	100 °C

Weighing data	
Accuracy class (EN 45501)	III
Weighing range	20 kg
Resolution	2 g
Static accuracy	± 3 g

Evaluation electronic	
Electronic type	Penko FLEX
Tolerance checking	Lamp tower (red/orange/green/orange/red)
Communication with PLC	RS485, Ethernet, Profibus DP
Power supply	24 VDC, 30W

Other data	
Length of weighing roll-way	0,5 m or 1,0 m
Weighing of the roll-way	4x load cells
Length overall	According to customer requirement
Width overall	According to customer requirement, max 880 mm
Working height	900 – 1000 mm
Height overall	2100 mm
Ambient temperature	0 – 40 °C