

Automatic Hopper Scale MSDM.

MSDM – the ideal solution for in-plant product weighing.



Hopper Scale for accurate weighing.

Application

The automatic hopper scale MSDM with a capacity range from 12 to 90m³/h is the right solution for in-plant product weighing. It can be used in applications in which calibration is either mandatory or not.

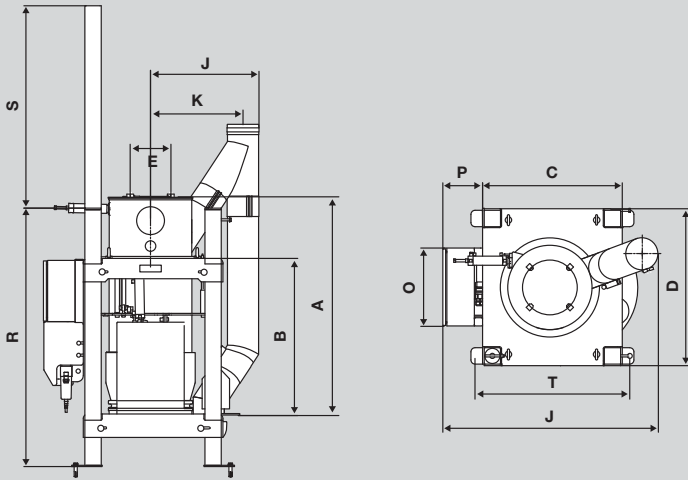
Design

The weigh hopper is suspended in an inherently stable manner directly from three electronic rod-type force transducers, allowing electronic registration of the actual weight. Thanks to this weight registration, the need for expensive and complex feed elements is eliminated. The jacketless design of the scale prevents undesirable dust accumulations, ensuring optimal sanitation.

Features

- accurate weight registration
- easy servicing and operation
- good sanitation
- operational reliability
- wide capacity range
- calibratable and non-calibratable control system
- can be networked with master systems

Automatic Hopper Scale Tubex MSDM for in-plant product weighing.



Scale in a flour mill.

Technical data, dimensions (mm), weights (kg)

Type	Dimensions in mm												
	A	B	C	D	E Ø i	J	K	O	P	R max. ⁽³⁾	S max. ⁽³⁾	T	V
MSDM-40	1073	771	685	770	200	532	454	384	195	1268	2030	759	1057
MSDM-80	1393	1091	685	770	200	532	454	384	195	1614	2030	759	1057
MSDM-120	1412	1008	850	950	300	732	629	384	195	1408	2030	924	964
MSDM-160	1580	1176	850	950	300	732	629	384	195	1784	2030	924	964
MSDM-240	1837	1433	850	950	300	732	629	384	195	2044	2030	924	964
MSDM-300	2050	1646	850	950	300	732	629	384	195	2254	2030	924	964

	Capacity max. ⁽⁴⁾ ⁽⁵⁾ (m ³ /h)	Net weigh. in liters (1 l = 1 dm ³) ⁽⁴⁾ ⁽⁵⁾ (dm ³)	Compressed air at 6 bar in normal liters ⁽⁷⁾ (Nl/weight)	Electrical connection value (W)	Floor loading in kg excl. feed & discharge hoppers without product (Product = max. 3 weigh.) (kg)	Approx. weights in kg			Volume sea packed (m ³)
						net (kg)	gross (kg)	sea packed (kg)	
MSDM-40	12	40	7.1	70	212	212	265	290	1.16
MSDM-80	24	80 ⁽⁶⁾	7.1	70	230	230	295	330	1.52
MSDM-120	36	120	19.7	70	370	370	455	500	2.3
MSDM-160	48	160	27.6	70	385	385	475	520	2.43
MSDM-240	72	240	33.8	70	425	425	520	565	2.56
MSDM-300	90	300	50.4	70	450	450	550	600	2.82

⁽¹⁾ with option «recirculation air to feed hopper» J = 646 mm

⁽²⁾ only with option «recirculation air to feed hopper»

⁽³⁾ without column extension

⁽⁴⁾ max. 300 weighments/hour

⁽⁵⁾ bulk density, loose max. 1.2 t/m³

⁽⁶⁾ but maximum 75 kg

⁽⁷⁾ compressed air: min. 5 bar