

# JesIntake®

Throughput weigher



Advanced weighing and dosing systems for static, dynamic, and continuous weighing.

**Jesma**®  
weighing solutions

# JesIntake®

## Intake- and outloading of bulk materials

---

The Jesma range of intake-out loading scales is specially designed for inline weighing of bulk materials such as powders, granulates, grain, and much more focusing on operational reliability and high accuracy.

The JesIntake-series from Jesma include a standard range of 13 sizes with capacities from 12 m<sup>3</sup>/h up to 2.500 m<sup>3</sup>/h. The JesIntake is suitable for handling high flow rates and known for maintaining a high accuracy.

The scale is available in trade approved versions according to MID, OIML R107 and R61 Class 0,2, 0,5 and higher.

### Construction

Our throughput scale consists of a pre-bin and a weigh bin with pneumatically operated valves, built-into a solid steel frame with dust covering.

The pneumatically operated valves and high slide angles in the bins ensure the optimum emptying of the bins and the high flow rate capacities.

The frame is supplied with removable covers to allow easy access to vital parts for service and maintenance.

The weighing unit consists of 4 load cells depending on the size of the scale and can be supplied with a weight control unit. The weighing result can be read in absolute figures e.g., kg or ton and is shown in the display or printed, depending on the need of the customer.

To maximize the operational reliability the weigher is equipped with elastomeric bearings, to compensate for any unbalance during operation. The fully electronic weighing system with modern filtration technology ensures a quick rest time to achieve the highest possible flow rate and accuracy.

**All electrical installations are mounted in a dust tight cabinet.**

A standard JesIntake-version includes:

- Painted Steel St. 37.2 / Stainless steel Construction / Requests
- Pre bin and Weigh bin with pneumatically operated outlet valves and inductive switches
- Flanged connection for feeding system
- Dust covered weigh bin and pre bin with removeable covers with rubber sealing.
- Connection branch for aspiration
- Electrical and air connection placed on the inside of the frame.
- Solenoid valves and fittings, mounted in connection box.





# Reliable accuracy

## Specifications

Each project is specified individually carefully considering environmental and technical factors, together with the customer's specifications to ensure that the construction is fit to the setting.

**The size of the scale is considered according to the required capacity and the characteristics of the product and the individual project.**

Jesma is known for producing and designing intake loading scales according to our customer's individual requirements. Based on the standard range Jesma supplies fully project designed equipment.

**If you do not find a suitable scale in the table, please contact our sales department for further information.**



\* gross volumes \* Excl. after bin \*\*\* min 7 bar \*\*\*\* without product and afterbin: estimated total load.

Type	Max. capacity	Volume pre-bin*	Volume Weigh bin**	Compressed air consumption ***	Aspiration	Approx. Dimensions (LxWxH) in mm**	Unit Weight [kg]
JesIntake-30	12 m <sup>3</sup> /h	15 L	30 L	20 NI/min.	4-5 m <sup>3</sup> /min.	680 x 400 x 870	150
JesIntake -70	18 m <sup>3</sup> /h	22 L	90 L	30 NI/min.	5-6 m <sup>3</sup> /min.	880 x 880 x 970	250
JesIntake-150	30 m <sup>3</sup> /h	50 L	220 L	40 NI/min.	5-6- m <sup>3</sup> /min.	950 x 950 x 1400	375
JesIntake-250	75 m <sup>3</sup> /h	100 L	350 L	80 NI/min.	5-6- m <sup>3</sup> /min	1070 x 1070 x 1670	525
JesIntake-500	115 m <sup>3</sup> /h	0.4 m <sup>3</sup>	0.7 m <sup>3</sup>	120 NI/min.	6-7 m <sup>3</sup> /min.	1310 x 1310 x 2700	1100
JesIntake-1000	185 m <sup>3</sup> /h	0.8 m <sup>3</sup>	1.4 m <sup>3</sup>	180 NI/min.	10-15 m <sup>3</sup> /min.	1510 x 1510 x 3550	1400
JesIntake-1500	320 m <sup>3</sup> /h	1.0 m <sup>3</sup>	2.0 m <sup>3</sup>	200 NI/min.	10-15 m <sup>3</sup> /min.	1510 x 2010 x 3500	1800
JesIntake-2000	450 m <sup>3</sup> /h	1.8 m <sup>3</sup>	3.0 m <sup>3</sup>	300 NI/min.	10-15 m <sup>3</sup> /min.	2000 x 2000x3500	2500
JesIntake-2500	600 m <sup>3</sup> /h	2.1 m <sup>3</sup>	4.0 m <sup>3</sup>	350 NI/min.	30-40 m <sup>3</sup> /min.	2000 x 2000 x 4530	3000
JesIntake-3000	900 m <sup>3</sup> /h	4.0 m <sup>3</sup>	6.5 m <sup>3</sup>	600 NI/min.	30-40 m <sup>3</sup> /min.	2360 x 2650 x 4480	4000
JesIntake-4500	1200 m <sup>3</sup> /h	6.0 m <sup>3</sup>	9,7 m <sup>3</sup>	900 NI/min.	30-40 m <sup>3</sup> /min.	3530 x 2440 x 4850	6500
JesIntake-6000	1600 m <sup>3</sup> /h	7.0 m <sup>3</sup>	13 m <sup>3</sup>	1000 NI/min.	2x30-40 m <sup>3</sup> /min.	4000 x 2650 x 4640	9000
JesIntake-9000	2500 m <sup>3</sup> /h	16 m <sup>3</sup>	20 m <sup>3</sup>	1300 NI/min.	2x50-60 m <sup>3</sup> /min.	4000 x 2650 x 7646	sk for information



**Jesma Poland**  
Ul. Firmowa 18  
PL-62-023 Robakowo  
(+48) 722 011 022  
mtr@jesma.com

**Jesma HQ**  
Helsingørvej 18  
DK-7100 Vejle  
+45 75 72 11 00  
Jesma@jesma.dk

**Jesma/SEG**  
Forettgatan 33  
SE-254 67 Helsingborg  
+46 87 64 74 00  
info-seg@jesmagroup.com



Part of Jesma Group

[www.jesma.com](http://www.jesma.com)