



# WS911

SCREW WEIGHERS



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WEIGHING SYSTEMS

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Datasheet\_WS911\_V1

# WS911

## SCREW WEIGHERS

By providing a screw conveyor with a weigh system, one can easily measure the bulk product flow.

Therefore the screw conveyor is mounted at the inlet in a set of special pivots and connected to a loadcell near the outlet and provided with a speed encoder.

Two flexible connections take care of a dust tight inlet and outlet.

This screw weigher is available for ATEX categories II2D and II3D (zone 21 and 22).



## ASSEMBLY

### Weighframe, model WS911

<b>Construction:</b>	Fixed frame with frictionless pivots and a loadcell carrier, mounted on or at an existing or to be realized construction. The screw conveyor will be mounted in the loadcell carrier and the pivots.
<b>Mounting:</b>	A construction has to be foreseen, in which the weighframe is mounted with only 6 bolts.
<b>Material:</b>	Steel St.37 / SS304
<b>Finishing:</b>	Powder coating, colour RAL 3020 / Shot blasting SA 2.5

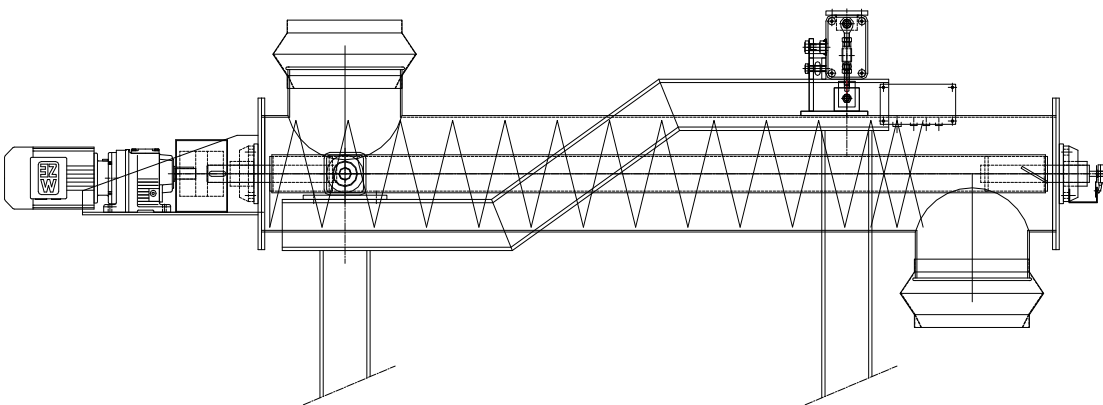
### Loadcell, model S-beam

<b>Type loadcell:</b>	Tension force transducer
<b>Construction:</b>	Hermetically sealed, IP67
<b>Material:</b>	SS

### Junction box, model JBW

The Junctionbox is placed near the weighframe	
<b>Dimensions:</b>	180 x 110 x 90 mm (l x w x h)
<b>Material:</b>	Shockproof reinforced polycarbonate
<b>Protection:</b>	IP66
<b>Loadcells:</b>	2 pieces (4- of 6-wires)
<b>Speed pickup:</b>	yes (2- or 3-wires)

## SCREW CONVEYOR WITH SCREW WEIGHING



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