



WS911

SCREW WEIGHERS



RICE LAKE[®]
WEIGHING SYSTEMS

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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

Construction:	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.
Mounting:	A construction has to be foreseen, in which the weighframe is mounted with only 6 bolts.
Material:	Steel St.37 / SS304
Finishing:	Powder coating, colour RAL 3020 / Shot blasting SA 2.5

Loadcell, model S-beam

Type loadcell:	Tension force transducer
Construction:	Hermetically sealed, IP67
Material:	SS

Junction box, model JBW

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

Speed Pick-Up, model SPU 5020 / 5826

This digital speed pickup is mounted directly on the axle end of the none driven drum.

Housing: Aluminium / SS304, IP66

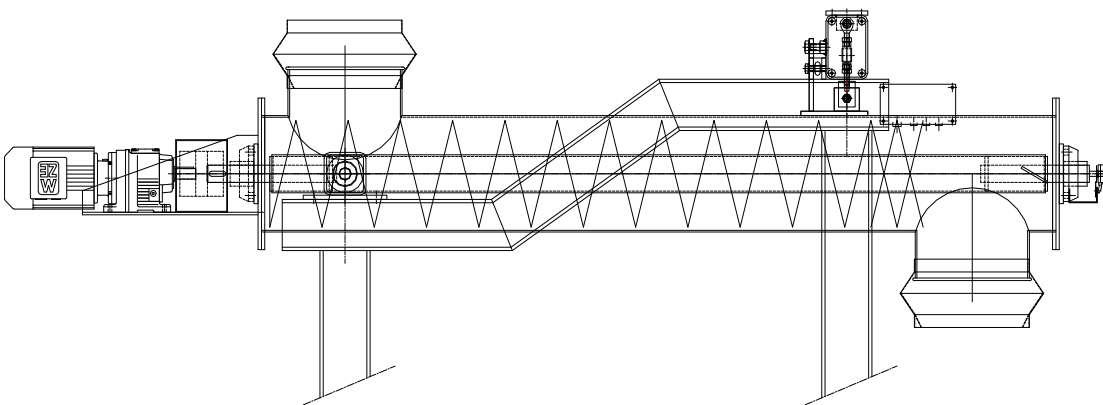
Screw conveyor for screw weighing, model WSCxxx-P1M-yyyy

Material:	Steel St.37 / SS304
Finish:	Painting RAL 5017 / Shot blasting
Drive:	SEW type R / IP54 / 230-400 VAC / 50 Hz
Bearing:	Y-Bearing in flange type
Sealing:	Gland Packing or Labyrinth or Air purge sealing
Including:	Fixation points for mounting in the weighframe WS911

Electronics

See applicable datasheet.

SCREW CONVEYOR WITH SCREW WEIGHING



Your Rice Lake Weighing Systems distributor is:

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