

INTENSIVE DAMPENING SCREW

The Intensive Dampening Screw „RISA“ is used for the homogeneous mixing of grain and water in the grain dampening section.



FUNCTION

The cleaned grain enters the machine through the round inlet. An integrated sensor detects product flow and starts water dosing (from external water dosing unit; separate control system required). The water added in at the inlet is brought into the grain kernel as quickly as possible in the paddle screw by intensive friction between the grains and is thus drawn into the grain evenly and quickly during #storage in the dampening bins.

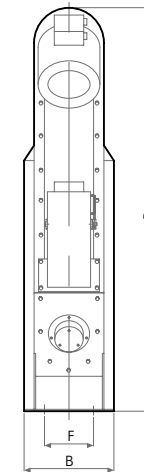
FEATURES

- > High capacity
- > Shorter dampening time in the silo
- > Clear cover plate for visual monitoring of the process
- > Stainless steel construction
- > Suitable for use in potentially explosive areas (inside/outside)

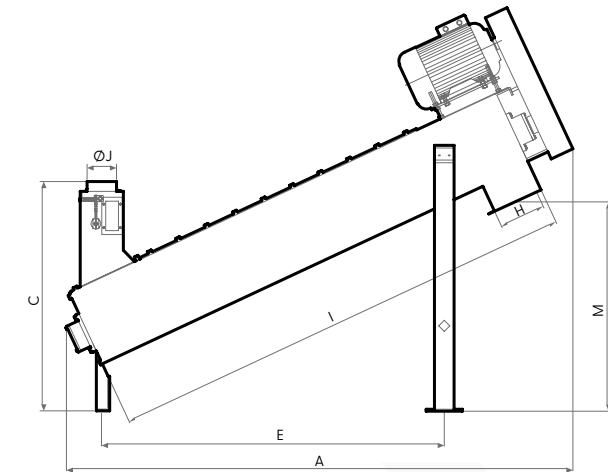
OPTIONS

- > Rotation speed monitoring
- > Bearing temperature monitoring
- > Dampening unit (moisture measurement and water dosing unit)
- > Custom painting (standard: RAL9003/ RAL3003)

FRONT VIEW



SIDE VIEW



TECHNICAL DATA

Type	Capacity ¹ [t/h]	Motor Capacity [kW]	Water Connection	Weight [kg]		Volume [m ³]
				Net	Gross	
RISA-350	0–8	4,0	3/4" male thread	450	695	5,2
	8–12	5,5				
	12–18	7,5				
RISA-500	18–22	7,5		745	1.025	6,6
	22–25	11,0				
	25–30	15,0				
RISA-600	30–35	18,5	1.100	1.560	12,9	
	35–42	22,0				

¹ Capacities are non-binding values, which are based on wheat (0.75 kg/dm³). The Capacity may vary depending on product, humidity, contamination and environmental conditions.

DIMENSIONS (MM)

Type	A	B	C	D	E	F	H	I	ØJ	M
RISA-350	2.585	550	1.170	2.055	1.170	250	195x280	2.395	150	1.066
RISA-500		700	1.190	2.215	1.190	400	195x430			1.120
RISA-600	3.693	800	1.550	2.865	1.550	610	356x510	3.500	200	1.657