

SCE-SCS

SCREW CONVEYORS

For a quick and economic conveying of cereals and finished products.

The screw conveyor is the most common and economic type of bulk horizontal conveying of cereals and finished products into the milling plant.

It's a simple and easy placement means. It can be supplied in different versions:

- single spiral worm;
- double or multi-screw conveyor;
- paddle worm conveyor for a cereal or finished product mixing;
- tubular and extraction screw from bins with a constant or variable pitch.

In every version the screw can be supplied in painted steel, in epoxy food and in stainless steel with drop bottoms.

The simple and reliable motorization of screw can be direct or through coupling or chain drives, depending on its application, dimension and flow rate. Also the screw can be provided with a frequency converter in order to manage rolling speeds.

Operating range

Conveyors SCS:

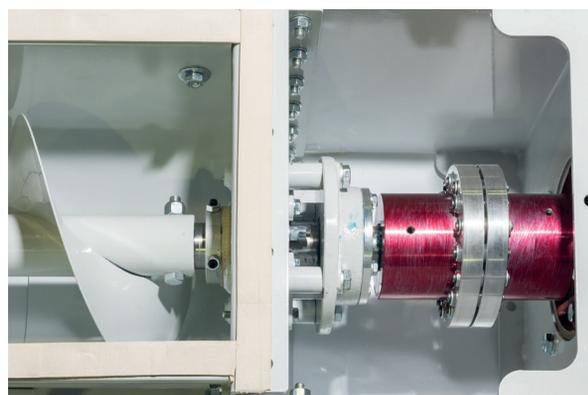
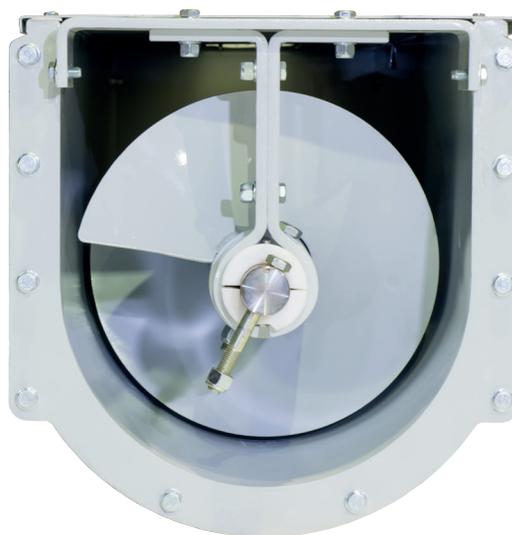
- **trough conveyors:** they can be simple or multi-trough (no more than four worm-threads) in order to convey different products that you want to combine or alternatively keep separated. Generally this type of screws are used when there are more loads simultaneously. Except in special cases, continuous and square pitch simple spiral worms are used for milling products.

- **tubular conveyors:** they can be used both when there is a one load both when there are more loads (but not simultaneously), using continuous and square pitch simple spiral worms.

Extractors SCE:

- **trough extractors:** they are always with simple trough (from two to four worm-threads) and with variable pitch. They are generally used for the extraction of products that are not so sliding. These products tend to create bridges in silo with rectangular bottom.

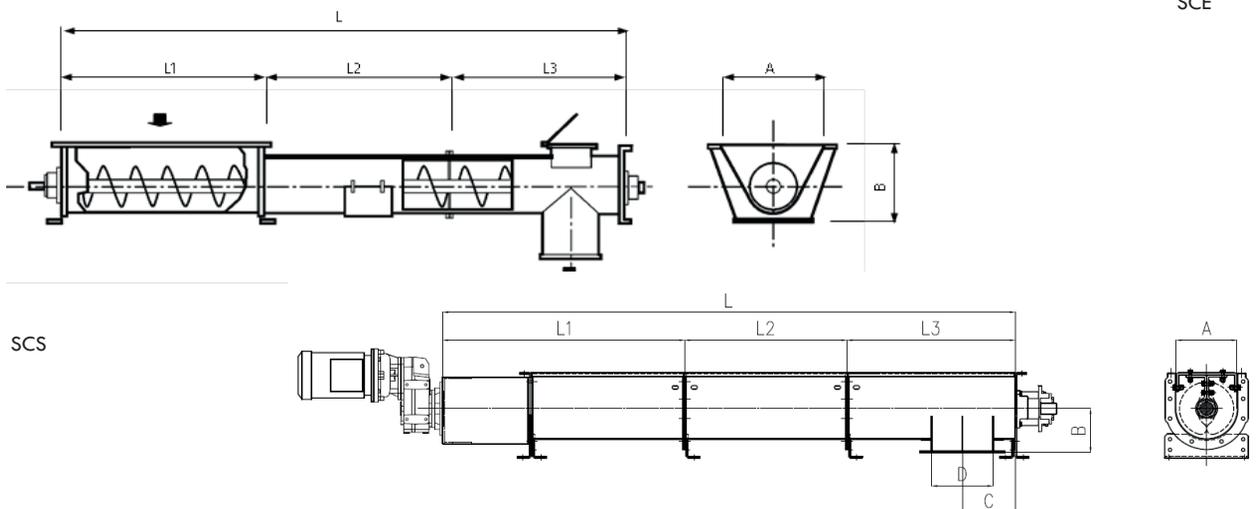
- **tubular extractors:** they are always with simple trough and with variable pitch. They are generally used for measuring and regulating vibrating bin dischargers spout and automatic balances, or for the extraction of products that are not so sliding. This extraction take place from silos that are characterized by rectangular bottom and reduced dimensions.



Technical Information

Model	Screw mm.	Dimensions mm.								Capacity Through load coefficient 95% T/h			
	Ø	L		L1		L2		L3		A	B	Bran	Flour
		min.	max.	min.	max.	min.	max.	min.	max.			$\gamma = 350$ kg/m ³	$\gamma = 550$ kg/m ³
SCE 150	150	1000	9000	500	2000	1500	3000	500	3000	375	320	2.2 ÷ 3	4.5 ÷ 6
SCE 200	200									425	385	5 ÷ 7	10 ÷ 15
SCE 250	250									525	440	10 ÷ 14.5	20 ÷ 29
SCE 300	300									525	495	16 ÷ 23	32 ÷ 46
SCE 350	350									625	545	25 ÷ 36	51 ÷ 73
SCE 400	400									730	595	37 ÷ 59	74 ÷ 100

Technical features of the equipment can be modified without any obligation of notice. Data may be not fully in accordance with the market versions.

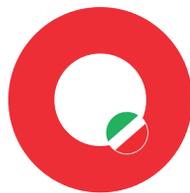


Model	Screw mm.	Dimensions mm.								Capacity Through load 95 T/h					
	Ø	L		L1		L2		L3		A	B	C	D	Bran	Flour
		min.	max.	min.	max.	min.	max.	min.	max.					$\gamma = 350$ kg/m ³	$\gamma = 550$ kg/m ³
SCS 150	150	1000	20000	500	1500	500	2000	500	2000	175	130	170	175x175	2.2 ÷ 3	4.5 ÷ 6
SCS 200	200									225	165	195	225x225	5 ÷ 7	10 ÷ 15
SCS 250	250									275	195	220	275x275	10 ÷ 14.5	20 ÷ 29
SCS 300	300									325	225	260	325x325	16 ÷ 23	32 ÷ 46
SCS 350	350									375	255	290	375x375	25 ÷ 36	51 ÷ 73
SCS 400	400									425	285	340	425x425	37 ÷ 59	74 ÷ 100

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