



# TROUGH SCREW CONVEYOR

DŠ 100, 130, 150, 200, 250, 300, 350, 400

Trough Screw Conveyor DŠ, produced by TAURUS, s.r.o., Chrudim, is a machine designed for horizontal transport of bulk non-abrasive materials. The recommended maximum tilt of the conveyor from horizontal plane still preserving the performance parameters is up to 10°. The material is transported by means of a worm shaft rotating in a worm gear box in the shape of trough from inlet to outlet.

The Machine is designed for integration into technological units for preparation of compound feedingstuffs for animals and similar industrial operations consisting of storage equipment and connected technological equipment for processing of bulk materials.

Various surface treatments are on offer: varnish (synthetic), hot dip galvanizing, stainless steel.

### Advantages:

- Economical and reliable operation
- Minimum maintenance demands
- Any length according to the customer's requirement
- Easy cleaning of the whole machine
- Low energy demands and economic demands

### Transported material:

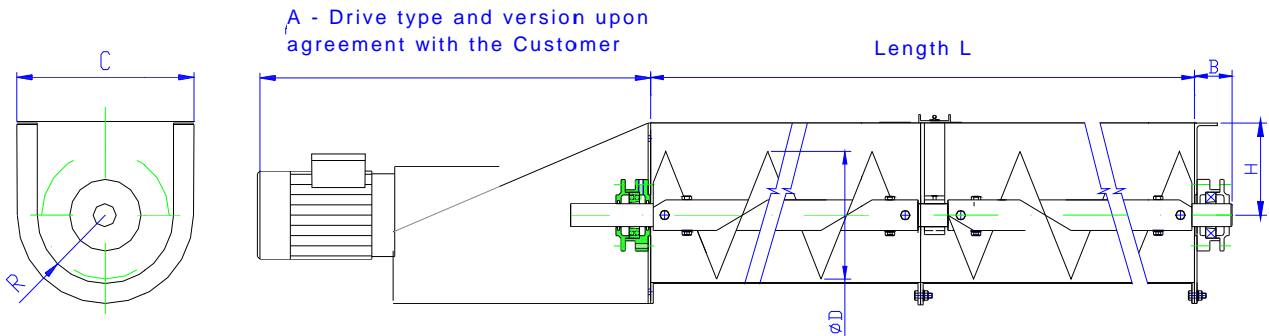
- Cereals and corn meals
- Wood chips, straw, and wood waste
- Cement, concrete mix, and plastics
- Coal, ash, salt, spices, and animal feedingstuff
- Waste, sludges, and steel cuttings



Item	Unit	DŠ version							
		DŠ 100	DŠ 130	DŠ 150	DŠ 200	DŠ 250	DŠ 300	DŠ 350	DŠ 400
Worm diameter	mm	100	130	150	200	250	300	350	400
Length max.		10 000	15 000	20 000	20 000	20 000	20 000	20 000	20 000
Machine height		195	240	290	325	370	420	450	470
Weight without drive	Kg/m	14.5	19.2	21	28	34	45	52	65
Rated supply voltage	V	230/400							
Rated frequency	Hz	50							
The lowest degree of electrical equipment protection	-	IP 54							
Installed power (according to length and capacity)	kW	0.55 – 1.5	0.75 - 3	0.75 - 3	1.1 - 4	1.1 – 5.5	2.2 – 7.5	2.2 - 11	2.2 - 11
Capacity	m <sup>3</sup> /h	5	9	15	28	45	52	70	90
Basic machine speed	rpm	200	150	150	120	120	80	80	80



## Basic Dimensions of the Machine



Dimensions /mm/	A	B	C	D	H	R
DŠ 100	-	65	165	100	85	64
DŠ 130	-	65	210	130	100	78
DŠ 150	-	65	215	150	100	85
DŠ 200	-	75	310	200	180	110
DŠ 250	-	75	355	250	180	132.5
DŠ 300	-	90	410	300	190	160
DŠ 350	-	90	465	350	200	188
DŠ 400	-	90	510	400	200	210