SILOS SPAIN

TECHNICAL DATASHEET 2024

TCH | Heavy-Duty Chain Conveyor

The **Heavy-Duty Chain Conveyor TCH** has been designed for non-stop daily use throughout the year. iTS construction with S350GD quality and Z-600 coated galvanized steel means it is extremely durable and allows it to work with a wide range of grains, seeds, legumes and pellets.



New design



Tail section



Intermediate section

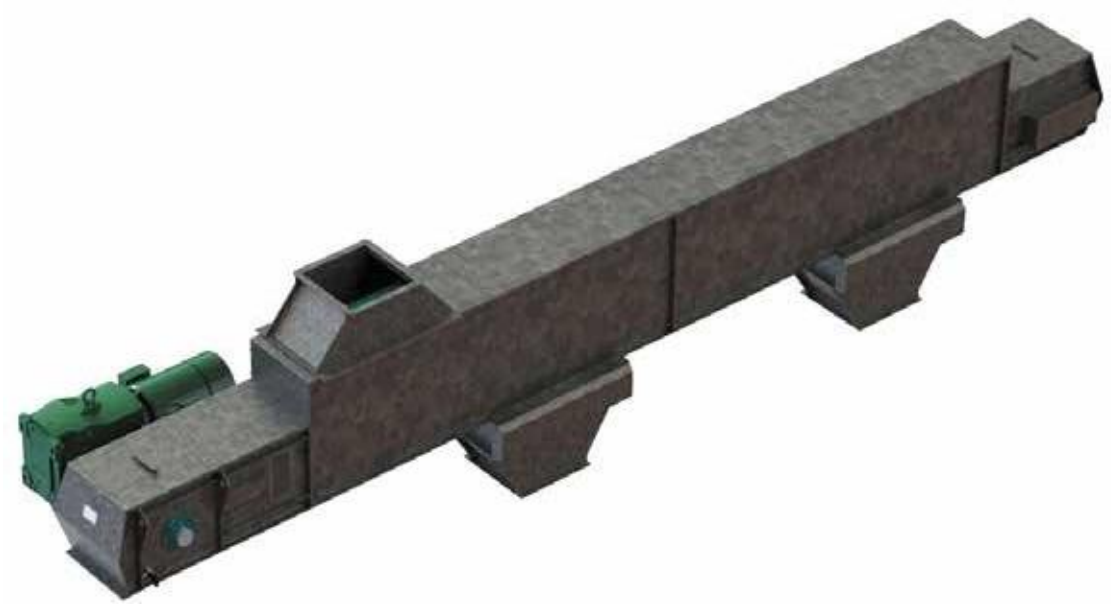


Head section

GENERAL CHARACTERISTICS	
• Highly robust sections with reinforcement and welded flanges	• Shrink disk
• Rear cleaning hatch	• Inspection access window in head and tail
• Tensioner bearings protected from the weather	• Curved chain guide for silent operation
• Inspection windows in head and tail section	• Forged core chain and welded paddles
• Elastic coupling	• Heat treated pinion and pulley

STANDARD EQUIPMENT
• Overflow system in outlet hopper
• Rotation sensor
• Wear resistant plates on the floors and walls
• Plastic scraper
• Heat treated pinion and pulley
• Inlet and outlet hoppers with different slopes
• Height adjustable legs up to 1.5 m
• Bedframe up to 1.5 m

OPTIONAL EQUIPMENT
• Bedframe for heights higher than 1.5 m
• Temperature sensor of bearings
• Adjustable legs for heights higher than 1.5 m
• ATEX 21 or ATEX 22 certification



MODEL	CODE	Throughput (T/h)	Throughput (m^3/h)	Speed (m/s)	Pitch circle diameter (mm)	Chain type	Pitch (mm)
TCH 300	GCH 5045/300	300	400	0,6	459,52	Link forged	142
TCH 350	GCH 5045/350	350	466,67	0,7	459,52	Link forged	142
TCH 400	GCH 5045/400	400	533,33	0,8	459,52	Link forged	142
TCH 500	GCH 5045/500	500	666,67	0,9	459,52	Link forged	142

The specified values have been established using a material with a density of 0.75 T/m^3as a reference.
The data show above are theoretical and may vary depending on the material and drive system selected.

Dimensions (mm)

MODEL	A	B	C	D	E	F	G	H	I	J	K	L
5045	650	1500	450	500	900	500	600	450	650	1200	1300	995

The dimensions specified are subject to change without prior notice.

