SILOS SPAIN

TECHNICAL DATASHEET 2024

TCI | Industrial Chain Conveyor

The **Industrial Chain Conveyor TCI** has been designed to bear the most demanding grain handling and transport conditions. Their construction with S350GD quality and Z-600 coated galvanized steel means they are extremely durable and allows them to work with a wide range of grains, seeds, legumes and pellets.


Chain conveyor


Tail section


Intermediate section


Head section

GENERAL CHARACTERISTICS	
• Chain shock absorber system	• Shrink disk
• Grain anti accumulation system	• Torque arm
• Tail section covers	• Side strips
• Inspection windows in the motor section	• Chain guide system
• Direct transmission	• Chain with folding paddles (Redler type)

STANDARD EQUIPMENT
• Overflow system
• Input hopper with chain protection and cleaning window in the guide
• Rotation sensor
• Output hopper with various slopes according to the connection requirements
• Rubber scraper
• Height adjustable legs up to 1.5m
• 8 mm HDPE wear resistance material on the floor

OPTIONAL EQUIPMENT
• Return buckets
• Dust aspiration
• 5mm UHMW wear resistance material on the sides
• Temperature sensor
• Various support heights according to requirements
• Adjustable legs for heights above 1.5m
• 8 mm UHMW wear resistance material on the floor
• ATEX 21 or ATEX 22 certification



MODEL	CODE	Throughput (T/h)	Throughput (m^3/h)	Length max. (m)	Speed (m/s)	Pitch circle diameter (mm)	Pitch (mm)
TCI 20	GCI 1516/20	20	27	55	0,32	200	100
TCI 30	GCI 1516/30	30	40	55	0,5	200	100
TCI 40	GCI 2025/40	40	53	55	0,4	250	125
TCI 50	GCI 2025/50	50	67	55	0,5	250	125
TCI 60	GCI 2025/60	60	80	55	0,6	250	125
TCI 75	GCI 3030/75	75	100	65	0,4	327	125
TCI 100	GCI 3030/100	100	134	65	0,5	327	125
TCI 120	GCI 3030/120	120	160	65	0,6	327	125
TCI 150	GCI 4040/150	150	200	60	0,4	439	150
TCI 175	GCI 4040/175	175	233	60	0,5	439	150
TCI 200	GCI 4040/200	200	266	60	0,6	439	150
TCI 250	GCI 5050/250	250	333	65	0,5	485	150
TCI 300	GCI 5050/300	300	400	65	0,6	485	150
TCI 400	GCI 5050/400	400	533	65	0,75	550	200
TCI 500	GCI 5050/500	500	667	65	0,6	550	200
TCI 600	GCI 5050/600	600	800	65	0,75	550	200

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)

MODELO	A	B	C	D	E	F	G	H	I	J	K	K'	M	N	O	P
1516	1000	800	350	250	320	150	150	150	150	200	300	-	-	-	-	-
2025	1000	800	350	250	385	200	200	200	200	250	350	530	740	350	80	40
3030	1500	1000	430	250	500	200	250	250	300	300	430	630	960	430	100	60
4040	1500	1000	550	250	600	200	350	350	400	400	550	830	1100	550	200	80
5050	1500	1000	630	450	700	350	500	500	500	500	630	1260	1650	750	250	100

The dimensions specified are subject to change without prior notice.





