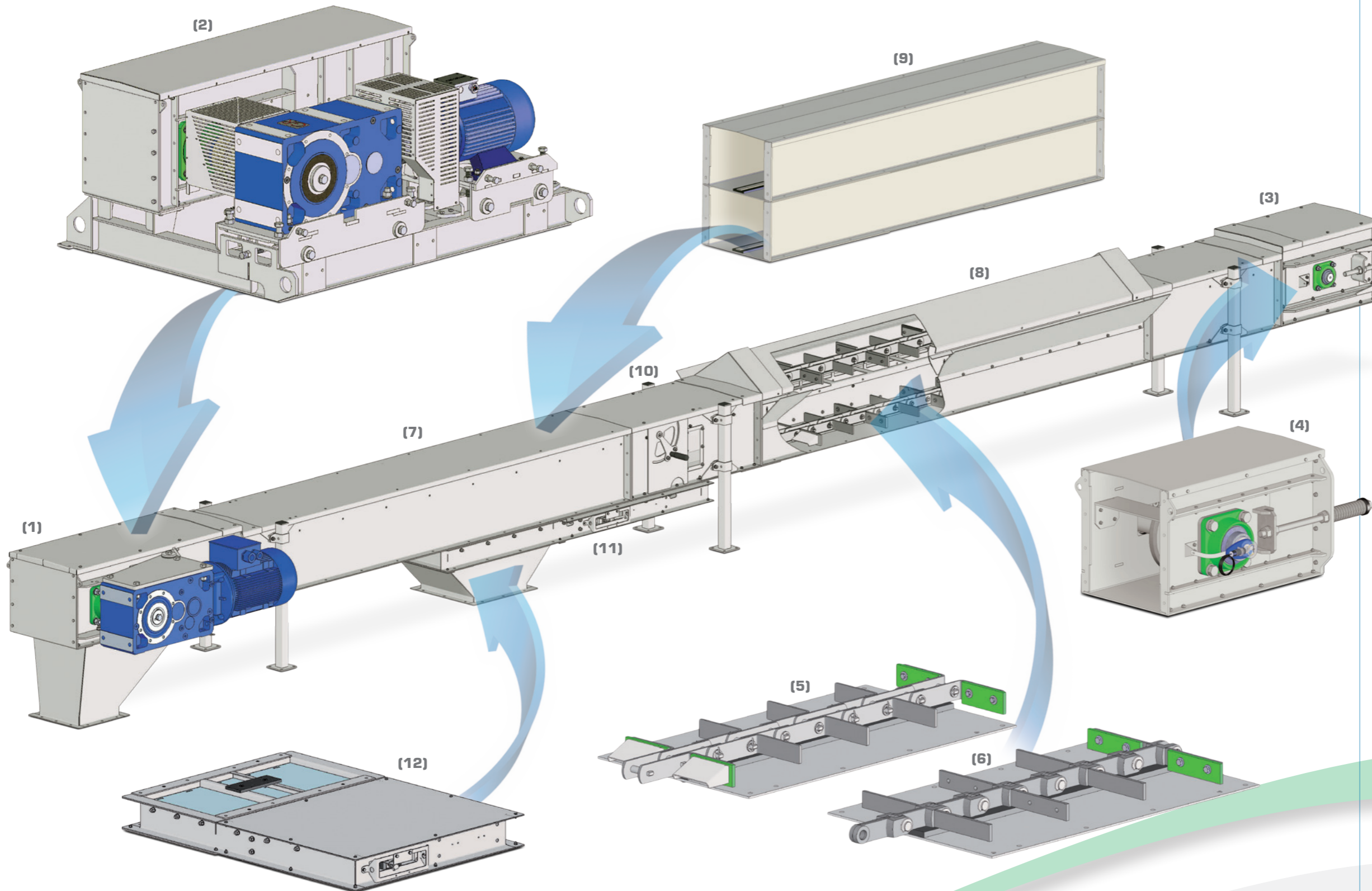


# CHAIN CONVEYORS

# TCM



## GENERAL CHARACTERISTICS

- Design for the transport of granular or dusty products (typically cereals, oilseeds, flour, meals and their by-products).
- Wide range of machines. Customization according to the customer's requirements.
- Surface treatment by hot dip galvanization or epoxidic dust painting.
- Standard execution (CE) or in compliance with ATEX Directive 94/9/CE (Z=22).

## Drive head

- Drive unit direct coupled to the shaft. (1)
- Drive head with motor, reducer and joints, complete with support. (2)
- Anti-clogging system and inspection window.
- Self-cleaning drive head ("drum" type).

## Tail

- Standard tensioning system by screws (internal or external). (3)
- Tensioning system with spring buckets. (4)
- Tensioning slides with self-aligning bearings.
- Speed monitoring system.
- Special execution for reversible machine.
- Dust tight tail (for application with dusty products).

## Conveying chains

- Belt link scraper chains. (5)
- Drop forged chains. (6)
- PE HD scrapers (standard or suitable for food use products).
- Recovery buckets.

## Casings

- Standard casings. (7)
- Side-inlet casings (for intake hopper). (8)
- Double deck casings. (9)
- Casing with flow regulation system (manual control). (10)
- Elbow casing (for inclination changing).
- PE HD chain rails with metallic central guide.
- PE HD bottom coating.
- Reinforced steel bottom.

## Discharging side

- Longitudinal opening. (11)
- Transversal opening. (12)
- Electric, pneumatic or manual control.
- Limit sensors.
- Chain brushing system at the intermediate outlets.

## Accessories

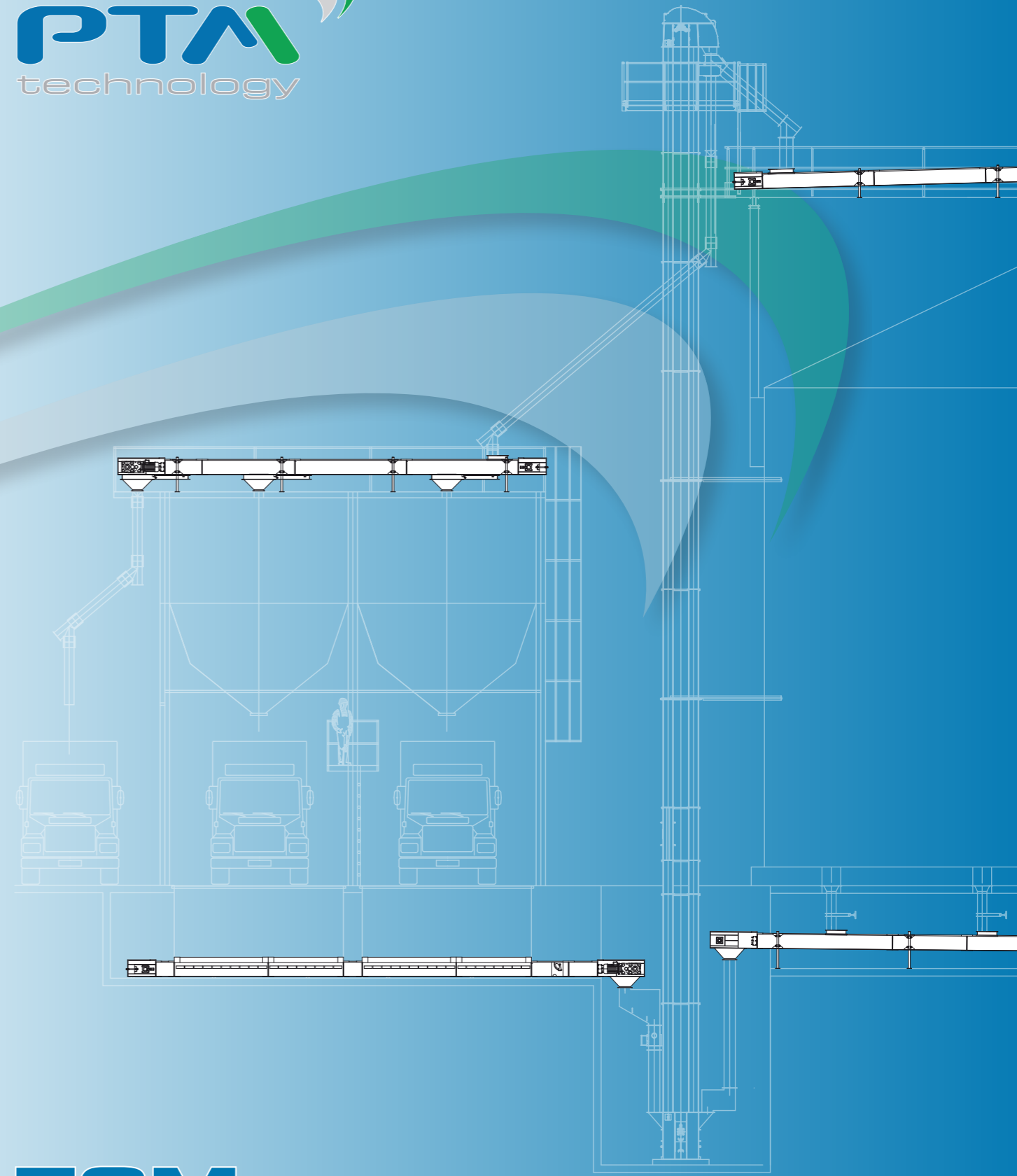
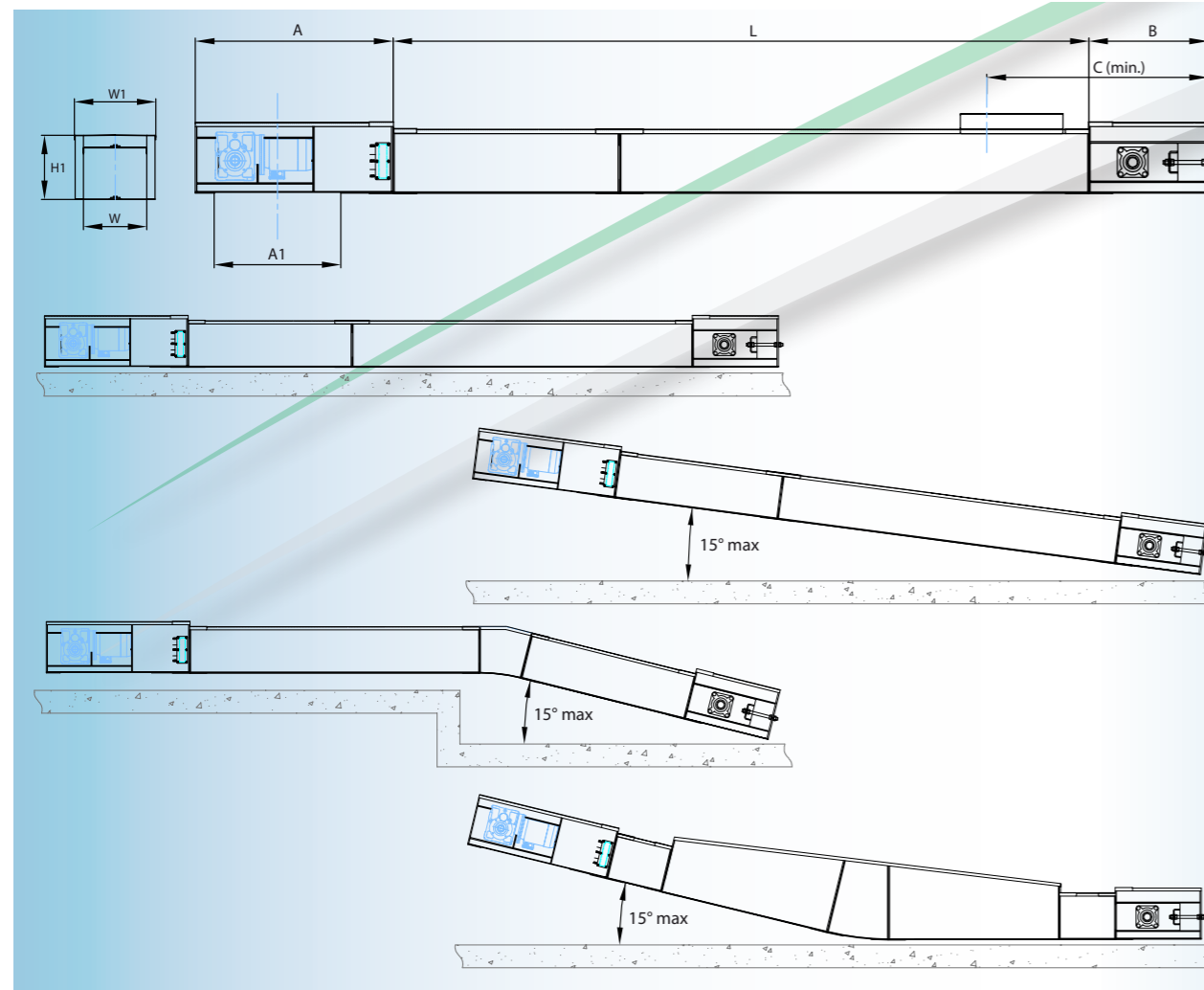
- Standard inlet hopper.
- Inlet hopper with flow regulation system (manual control).
- Side inlet hopper.
- Discharging hopper (symmetrical or asymmetrical design, with square or round outlet).
- Stainless steel outlet hopper with magnetic separator.
- Adjustable supporting legs.
- Inspection windows.

# CHAIN CONVEYORS TCM



SERIES	TCM 320		TCM 400				TCM 440		TCM 550			TCM 630			TCM 630-H	
MODELS	160	200	200	250	300	350	400	350	400	400	450	500	450	500	600	600
t/h (*)	40	60	80	100	120	150	200	200	250	250	300	350	400	500	600	800
A mm	1000		1250				2000		2000			2000			2750	
A1 mm	564		800				800		1000			1000			1000	
B mm	700		750				1000		1000			1000			1250	
C mm	1100	1150	1125	1250	1275	1300	1325	1580	1605	1680	1705	1730	1725	1750	1800	2000
L(**) mm	2970 / 2470 / 1980 / 1470 / 990 / 490															
W mm	160	200	200	250	300	350	400	350	400	400	450	500	450	500	600	600
W1 mm	230	270	313	363	413	463	513	463	513	517	567	617	580	630	730	730
H1 mm	320		400				490		580			630			800	

(\*) Capacity based on wheat - bulk density: 0.78 t/m<sup>3</sup> - moisture: 15%.  
The capacity and the chain speed can change for other products and/or inclined configuration.  
(\*\*) Standard length - special dimensions available upon request.  
Our Technical Dept. is available to study special applications.



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# TCM CHAIN CONVEYORS