



PODEM GABROVO Ltd.

HOIST & CRANE COMPONENTS

ELECTRIC CHAIN HOIST

TBC - Series



RELIABLE
PERFORMANCE



DURABLE
CONSTRUCTION



EASY
MAINTENANCE



ADVANCED TECHNOLOGY



SAFE OPERATION



BUILT TO LAST

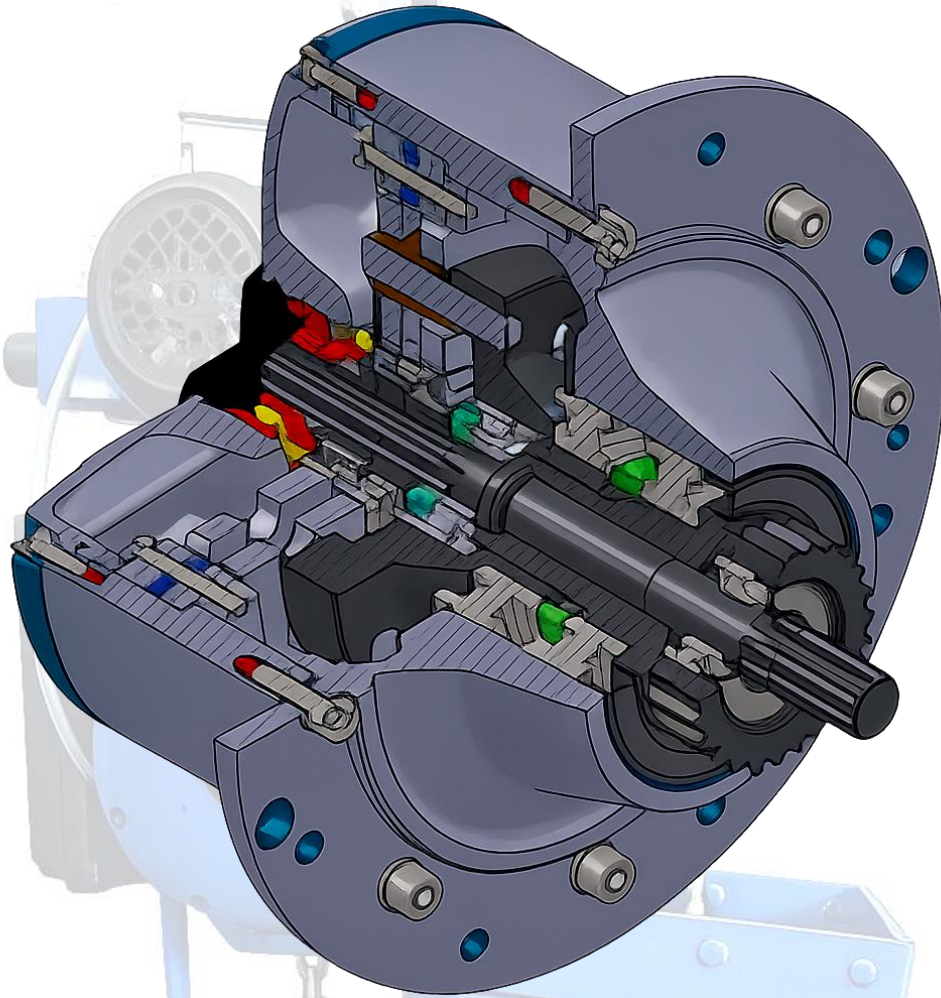


www.podem-gabrovo.com

ELECTRICAL CHAIN HOISTS with CYCLO-REDUCER

TBC-Serie

Capacity (kg)	Lifting height	Working rate group FEM 9.511	Hoisting speed	Travelling speed	Suspension	control
250	up to 50m	2m/3m	from 3m/min to 8m/min in single or double speed variant	from 5m/min to 32m/min in single or double speed variant	fixed, on hook; on a push trolley; on geared trolley; on an electric trolley	contactor control or VFD
500	up to 50m	2m/3m	from 3m/min to 8m/min in single or double speed variant	from 5m/min to 32m/min in single or double speed variant	fixed, on hook; on a push trolley; on geared trolley; on an electric trolley	contactor control or VFD
1000	up to 50m	2m/3m	from 3m/min to 8m/min in single or double speed variant	from 5m/min to 32m/min in single or double speed variant	fixed, on hook; on a push trolley; on geared trolley; on an electric trolley	contactor control or VFD
2000	up to 50m	2m/3m	from 3m/min to 8m/min in single or double speed variant	from 5m/min to 32m/min in single or double speed variant	fixed, on hook; on a push trolley; on geared trolley; on electric trolley	contactor control or VFD
3000	up to 50m	2m/3m	from 3m/min to 8m/min in single or double speed variant	from 5m/min to 32m/min in single or double speed variant	fixed, on hook; on push trolley; on geared trolley; on electric trolley	contactor control or VFD

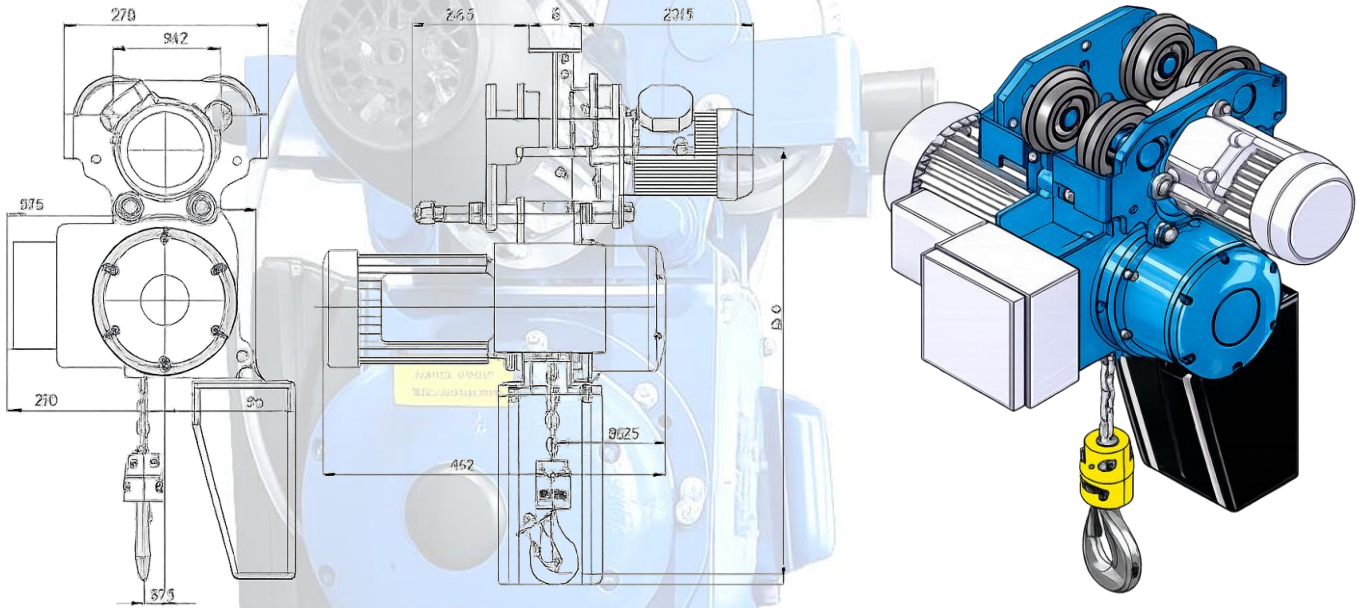


Cyclo-Reducers assembled in our Chain Hoists provide exceptional speed reduction and high torque capacity in a very compact, durable housing. Instead of relying on fragile gear teeth like traditional gearboxes, we use a unique rolling mechanism that distributes stress across multiple contact points, making them virtually break-proof against severe shocks and overloads.

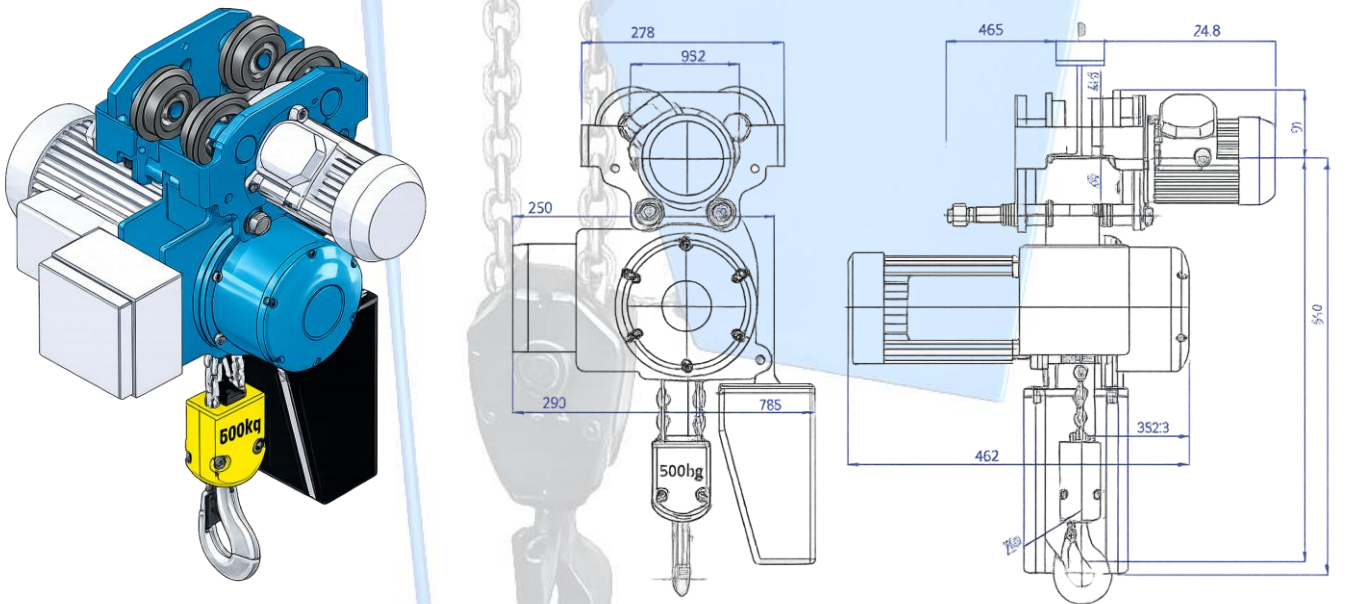
Main Advantages of Cyclo-Reducers:

- Generation of high torque outputs in a significantly smaller size and lighter weight than standard planetary gearboxes.
- The precision design offers extremely low to zero backlash, making the reducer ideal for high-precision final positioning of the load.
- Ensure exceptional shock resistance, because loads are distributed across at least 30% of the disc profile, so they can absorb shock loads up to 300% of their rated torque without suffering damage.
- Operate at an average efficiency rate between 85% and 92%, so they waste less energy and offer a significantly longer service life
- Achieve high reduction ratios in a single stage from 70:1 to over 100:1, eliminating the need to stack multiple gear stages.

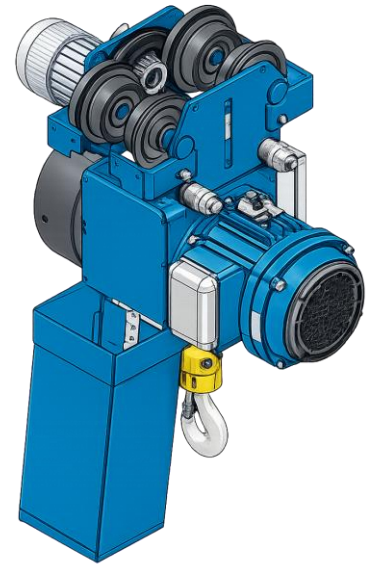
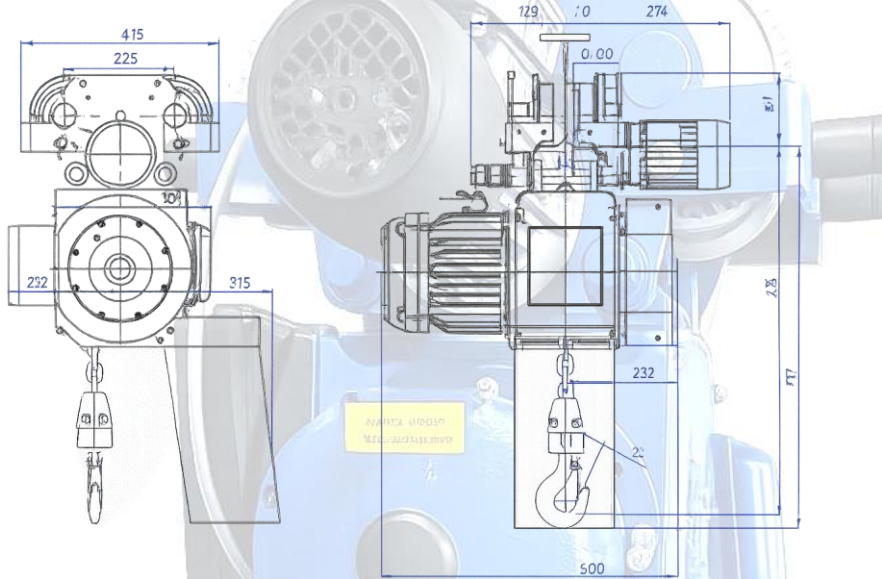
TBC250 – Capacity 0.25t



TBC500 – Capacity 0.5t

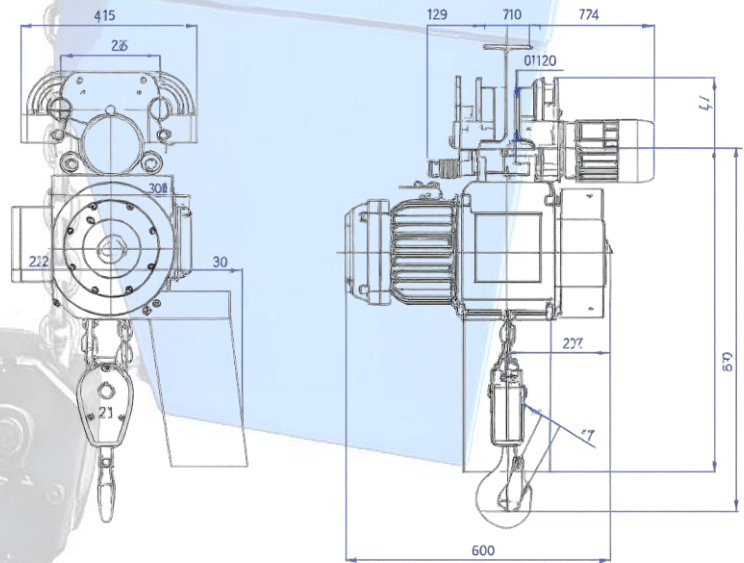
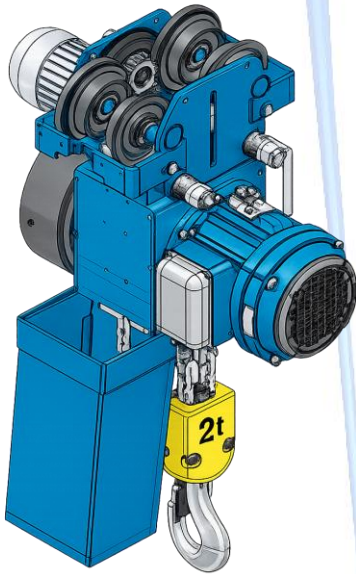


TBC1000 – Capacity 1t

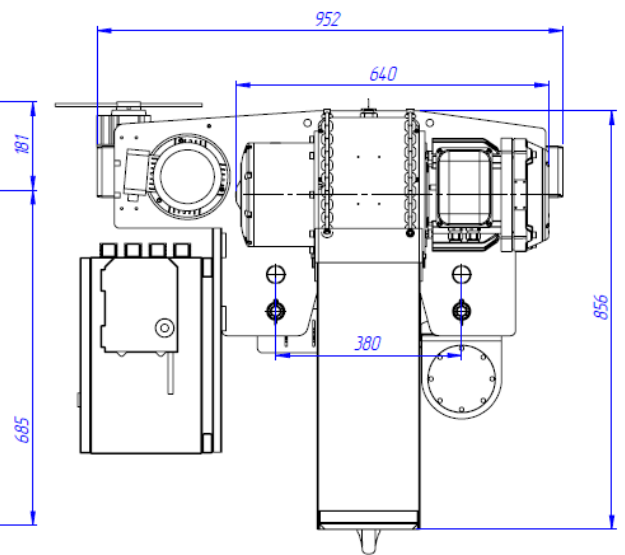
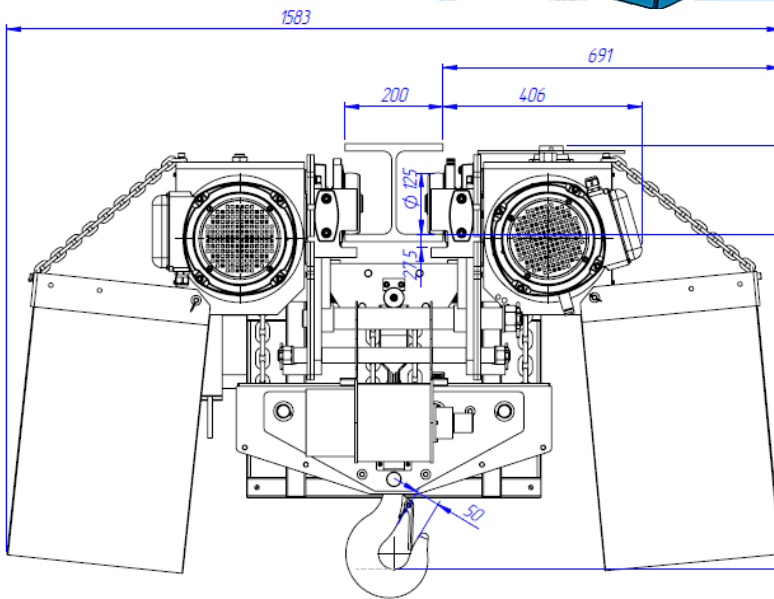
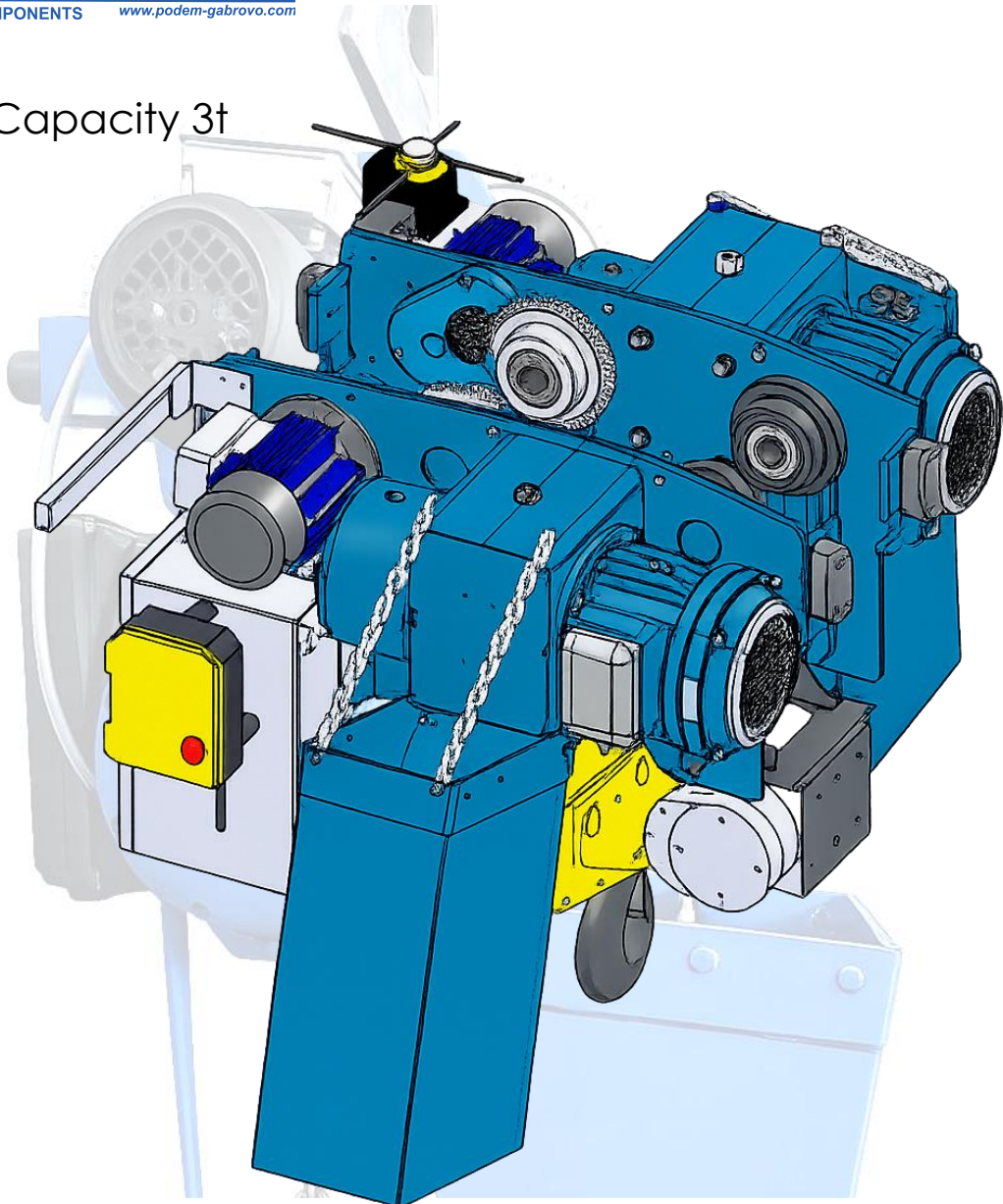


TBC2000 – Capacity 2t

TBC2000 – Capacity 2t



TBC3000 – Capacity 3t





PODEMGABROVO LTD

HOIST & CRANE COMPONENTS

**POWERING
PERFORMANCE.
LIFTING
POSSIBILITIES.**



**ADVANCED
TECHNOLOGY**



**SAFE
OPERATION**



**BUILT
TO LAST**



**QUALITY
ASSURANCE**



Bulgaria, P.K. 5300,
Gabrovo,
3A Parvi May St.



tel: 066 80 40 41
fax: 066 80 46 35



info@podem-gabrovo.com



www.podem-gabrovo.com



PODEM GABROVO Ltd.

HOIST & CRANE COMPONENTS

CATALOGUE
2026

**POWERING
PERFORMANCE.
LIFTING
POSSIBILITIES.**




PODEM GABROVO Ltd.

HOIST & CRANE COMPONENTS

-  Bulgaria, P.K. 5300, Gabrovo,
3A Parvi May St.
-  tel: 066 80 40 41
-  fax: 066 80 46 35
-  info@podem-gabrovo.com
-  www.podem-gabrovo.com

PRODUCTION BASE:

-  Bulgaria, P.K. 5300, Gabrovo,
Stefanovtsi district /Industrial zone/,
Vasilka Beneva street



ADVANCED
TECHNOLOGY



SAFE
OPERATION



BUILT
TO LAST



QUALITY
ASSURANCE