

Crane Components

Main Products Outline



50 YEARS
PODEM™
2011

**50 Years Experience in the Development
and Production of Hoisting Equipment**

Podem is one of the world's leading suppliers of reliable wire rope hoists and other crane components for crane manufacturers and end users

Timeline



April 1, 1961

The official establishment of Podem.

The Bulgaria based state owned production company was created to supply the crane industries in all Eastern European countries and former Soviet Union with electrical wire rope hoists.



1981

Podem became the biggest hoists manufacturer worldwide. Production capacity reached 100,000 wire rope hoists per year (102 505 units / 1981). Podem created distributions in more than 70 countries around the world represented by its commercial structures Balkancar-Podem and other Podem brand names.



2001

The former state owned company was fully privatized. The new company Podemcrane AD – the successor of Podem, started operation and continued to promote the Podem brand along with the new one Podemcrane.



April 1, 2011

The total number of produced hoists in Podem factory – 1 923 462 units.

Podemcrane is clearly the biggest hoist manufacturer in Central and Eastern Europe and has remained one of the most progressive companies in the industry. We are designing reliable products reflecting our customers individual needs. We have experienced engineers who make sure our production is efficient and well controlled. Product testing and quality control remain of great importance. Our production factory spreads on a territory of 30 000 sq.m.

By using Podem's products you will get:

- Quality products in full compliance with the International standards
- Highest possible reliability level offered in the industry as a result of very big experience in product design, modern production organization and strict quality control
- Reduced delivery time thanks to flexible production organization
- 24 hour sales support and order process
- Full range of spare parts not only for the existing model but also for all models produced in the past
- Up-to-day technical characteristics of the products thanks to our close connection with our distributors and knowledge of the market
- Product testing on each product sold from the factory
- Different engineering solutions for Products matching your individual needs thanks to experienced team of mechanical and electrical engineers and flexible organization
- Marketing and advertising support

Thanks to our 50 years experience in the development and production of hoisting equipment Podem can deliver high quality reliable products at the best price

Main Products



Wire Rope Hoists and Double Girder Trolleys

The range provides solutions for industrial cranes and replacement applications.

Standard technical features:

- Monorail or double rail
- Capacity: from 0,8 to 50 t
- FEM group: 1 Am – 3 m

Advantages:

- Highest possible reliability levels offered in the industry
- Operational safety
- Long life
- Excellent price/performance ratio
- Easy maintenance
- Low service costs



End Carriages

Podemcrane manufactures end carriages for single or double girder cranes. We can support individual design for different crane manufacturers.

Standard technical features:

- Capacity: up to 20 000 kg
- Span: up to 25 m
- Wheel diameter: 160-315 mm



Motor-reducers (Crane Drives)

Developed for driving of travel mechanisms for material handling equipment (trolleys, bridge cranes, etc.).

Standard technical features:

- From 0,37 to 1,5 kW
- FEM group: 2 m
- Protection class: IP44



Chain Hoists

Comprehensive range with compact design, superior quality and high standard of safety.

Standard technical features:

- Capacity: from 125 to 5 000 kg
- FEM group: 2 m

Engineered Solutions

Podemcrane offers advanced engineering for custom made solutions in various industries. The in-house design capabilities give us the opportunity to develop solutions targeted at bringing value to our customers.

Possible technical features:

- Different from standard lifting height and capacity
- Various power supply
- Ability to operate in various environmental conditions and climatic zones
- Curved monorail trolley
- Radio control
- Frequency controlled speed

Other custom made solutions for different applications.

Standard Products Table *

Capacity (kg)	Groups		Hoist type	Rope falls	Lifting speed (m/min)		Hook travel (m)			
	FEM	ISO			V1	V2	H0	H1	H2	H3
800	3 m	M6	MT304	2/1	8/2,6	12/4	10	14	20	–
1000	2 m	M5	MT305	2/1	8/2,6	12/4	10	14	20	–
1250	3 m	M6	MT306	2/1	8/2,6	12/4	10	14	20	–
1600	3 m	M6	MT304	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	MT308	2/1	8/2,6	12/4	10	14	20	–
2000	3 m	M6	MT310	2/1	8/2,6	12/4	10	14	20	–
	2 m	M5	MT305	4/1	4/1,3	6/2	–	7	10	13
2500	3 m	M6	MT313	2/1	8/2,6	12/4	10	14	20	–
	3 m	M6	MT306	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	MT312	2/1	8/2,6	12/4	10	14	20	–
3200	2 m	M5	MT316	2/1	8/2,6	12/4	10	14	20	–
	2 m	M5	MT308	4/1	4/1,3	6/2	–	7	10	13
4000	3 m	M6	MT310	4/1	4/1,3	6/2	–	7	10	13
	3 m	M6	MT520	2/1	8/2,6	12/4	10	14	20	–
5000	3 m	M6	MT313	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	MT312	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	MT525	2/1	8/2,6	12/4	10	14	20	26
6300	3 m	M6	M732	2/1	8/2,6	12/1,8	14	19	26	–
	2 m	M5	MT316	4/1	4/1,3	6/2	–	7	10	13
8000	3 m	M6	MT520	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	M740	2/1	8/2,6	12/1,8	14	19	26	–
10000	2 m	M5	MT525	4/1	4/1,3	6/2	–	7	10	13
	2 m	M5	M950	2/1	5/1,2	10/1,5	–	20	32	–
16000	3 m	M6	M940	4/1	2,5/0,6	5/0,75	–	10	16	24
	2 m	M5	M740	4/1	4/1,3	6/0,9	7	9	13	16
20000	2 m	M5	M950	4/1	2,5/0,6	5/0,75	–	10	16	24
	2 m	M5	M1100	2/1	3/0,7	5/0,7	20	24	30	–
25000	1 Am	M4	M963	4/1	2,5/0,6	5/0,75	–	10	16	24
	1 Am	M4	M1125	2/1	3/0,7	5/0,7	20	24	30	–
32000	1 Am	M4	M980	4/1	2,5/0,6	3,7/0,6	–	10	16	24
40000	2 m	M5	M1100	4/1	1,5/0,35	2,5/0,35	10	12	15	22
50000	1 Am	M4	M1125	4/1	1,5/0,35	2,5/0,35	10	12	15	22

Type	Hoist travel speed (m/min), capacity to 16000 kg **	
Hoist with monorail electric trolley for standard headroom	20/6,5	15/3,8
Hoist with monorail electric trolley for low headroom	20/5	15/3,8
Hoist with double rail trolley	20/6	16/5

* Podemcrane offers advanced engineering for custom made solutions

** Optional frequency control

For more information and technical catalogue please contact our local distributor



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