



Metrans

Intermodal Cranes

kühz

At the Metrans terminals in Czech Republic, Slovakia und Hungary the Kuenz technology is well known.

Efficient handling with Kuenz Cranes in Central European hubs.



Kuenz Intermodal Cranes at the Metrans Terminal in Prague

The company Metrans is the market leader in providing container logistics and services by rail from German ports to the Central European hinterland. The Metrans Group, headquartered in Prague, owns rail terminals and container depots in Czech Republic, Slovakia and Hungary. Since 2006, thirteen Kuenz Intermodal Cranes guarantee efficient handling at four, of the ten Metrans terminals.

Strong in the Hinterland – Prague –Uhrineves

The Terminal Prague-Uhrineves in Prague is the largest container terminal in Central- and Eastern Europe and the most important hub for container traffic to the Central European hinterland. In a total area of 420,000 m², it is possible to stack 17,500 TEU. Kuenz installed five Container Cranes for intermodal handling at rail roads, thereby optimizing handling of the increasing container traffic.

Convincing Kuenz quality

In 2006, the first two Kuenz Cranes for Metrans began operating at the terminal Dunajaska Streda, Slovakia. The rail-hub terminal, close to the Hungarian border, is 280,000 m² in size, and has transport connections to Southeast Europe. For the proper handling of 25,000 TEU per year, another Kuenz Intermodal Crane was installed in 2009.

Satisfied with the first project, Metrans once more trusted Kuenz with equipping two additional terminals in 2012 and 2015. Three cranes with superstructure design handle 6,000 TEU at the rail-hub terminal Ceska Trebova in the Czech Republic.

The newest Kuenz Intermodal Crane for Metrans is situated at the 120,000 m² hub terminal in Budapest, Hungary.



Terminal Dunajaska Streda



Jiri Samek, Manager Metrans Group

„We were convinced by the excellent experience we have made with cranes from Kuenz and that was the reason, we ordered two additional cranes. Compared to the cranes we operated in the past, the cranes from Kuenz are considerably better. And not only is the Management highly satisfied, but also the crane drivers. We definitely will order further cranes with Kuenz“

Technical information on the cranes

The Intermodal Cranes in Prague-Uhrineves, Ceska Trebova and Budapest are designed as double-girder bridges with superstructure. In Dunajaska Streda the cranes are designed as a conventional double-girder bridge without superstructure. The main steel construction of the gantry bridge consists of moving support, rigid support and bridge girders. The hoist rope reeve of the container hoist is grooved and allows operating the gantry drive, the trolley drive and slewing without swinging.

Throughout the product life cycle

Easy to maintain

- Detailed and easy to understand operation and maintenance manuals
- Well-thought design which allows safe access to all maintenance areas
- Quick replacement of wear & tear parts

We support our customer throughout the product life cycle. Our extensive after sales service offerings include:

Customized after sales service contracts

- Maintenance schedule meeting operations needs
- Annual maintenance inspection by the manufacturer
- Full service contracts, including maintenance resources and replacement parts

Telephone support

- Assistance for the maintenance staff
- Remote online connection to the cranes via Internet
- 24/7 hotline support



Technical information on the cranes.

Prague-Uhrineves: 5 Cranes

Year of installation: 2007 / 2008 / 2009

Capacity	37 t
Track width	38.5 m bzw. 40 m
Cantilever fixed column	16.5 m bzw. 19 m
Cantilever hinged column	8.5 m bzw. 17.8 m
Lifting height	12.6 m bzw. 12.9 m

Working speeds:

Hoist's rated load	0 - 18 m/min
Hoist with partial load	0 - 36 m/min
Gantry drive	0 - 100 m/min
Trolley drive	0 - 100 m/min
Slewing	0 - 1.5 rpm

Power:

Main hoist	180 kW / 60%ED
Gantry drive	20 x 13 kW / 100%ED
Trolley drive	4 x 16 kW / 100%ED
Slewing mechanism	7 kW / 100%ED

Dunajska Streda: 3 Cranes

Year of installation: 2006 / 2009

Capacity	37 t
Track width	26 m
Cantilever fixed column	12.2 m
Cantilever hinged column	12.2 m
Lifting height	12.6 m

Working speeds:

Hoist's rated load	0 - 18 m/min
Hoist with partial load	0 - 36 m/min
Gantry drive	0 - 100 m/min
Trolley drive	0 - 100 m/min
Slewing	0 - 2 rpm

Power:

Main hoist	180 kW / 60%ED
Gantry drive	20 x 13 kW / 100%ED
Trolley drive	4 x 16 kW / 100%ED
Slewing mechanism	7 kW / 100%ED

Ceska Trebova: 3 Cranes

Year of installation: 2012

Capacity	37 t
Track width	40 m
Cantilever fixed column	19 m
Cantilever hinged column	19.6 m
Lifting height	12.6 m

Working speeds:

Hoist's rated load	0 - 18 m/min
Hoist with partial load	0 - 36 m/min
Gantry drive	0 - 100 m/min
Trolley drive	0 - 100 m/min
Slewing	0 - 1.5 rpm

Power:

Main hoist	180 kW / 60%ED
Gantry drive	24 x 13 kW / 100%ED
Trolley drive	4 x 16 kW / 100%ED
Slewing mechanism	7 kW / 100%ED

Budapest: 2 Cranes

Year of installation: 2016

Capacity	37 t
Track width	40 m
Cantilever fixed column	20.3 m
Cantilever hinged column	19.4 m
Lifting height	12.6 m

Working speeds:

Hoist's rated load	0 - 18 m/min
Hoist with partial load	0 - 36 m/min
Gantry drive	0 - 100 m/min
Trolley drive	0 - 100 m/min
Slewing	0 - 1.5 rpm

Power:

Main hoist	200 kW / 60%ED
Gantry drive	22 x 11 kW / 100%ED
Trolley drive	4 x 13 kW / 100%ED
Slewing mechanism	2 x 7 kW / 100%ED

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