



ZAKŁAD BUDOWY URZĄDZEŃ DŹWIGNICOWYCH



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CRANES

2017

Our knowledge and experience - Your best choice!

CRANES



ZAKŁAD BUDOWY URZĄDZEŃ
DŹWIGNICOWYCH

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OVERHEAD CRANES

SINGLE GIRDER TYPE ZXJ

Different configuration of lifting capacities and spans.

Available with two hoists working in a tandem.

Compact design of hoists allows to minimize dead zones when traveling and lifting.

Available with manual drive of all drives including manual chain hoists type WL-P.

Wireless radio control.

Two or more cranes working on a same traveling base equipped with optical anticollision system.

Available with extra cable drum next to the hoist to power up auxiliary lifting devices.

Possible configuration of two single girder cranes working in a tandem on same traveling base.

Bridge and hoist drives with frequency inverters, double speed lifting (on request with inverter).

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SINGLE GIRDER TYPE ZXJ

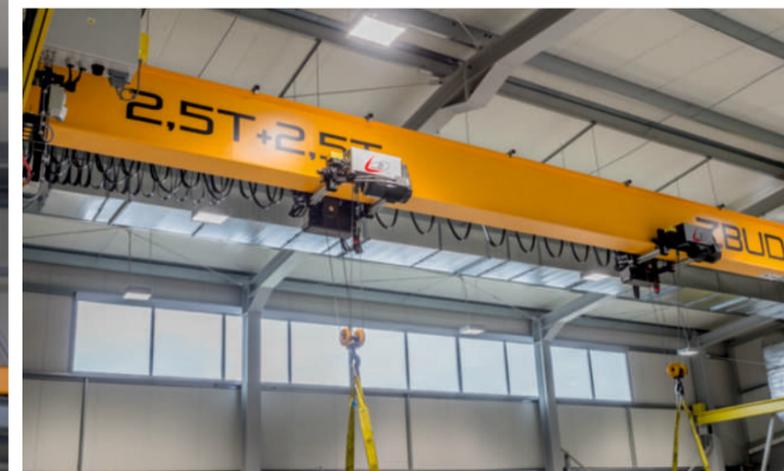


STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
ZXJ	<20	<30	Customized to existing structure

Ex-proof desing on request 

Customized versions available on request.
Substructures for traveling bases on request.



OVERHEAD CRANES



DOUBLE GIRDER TYPE ZXD

DOUBLE GIRDER TYPE ZXD

- Recommended for high load capacities and wide spans.
- Available with A/C operators cabin.
- Wireless radio control.
- Crane and hoist drives with frequency inverters.
- Equipped with service platforms.
- Available with two hoists working in a tandem.
- Available with extra cable drum next to the hoist to power up auxiliary lifting devices.
- Two or more cranes working on a same traveling base equipped with optical anticollision system.
- Several variant of girder and carriage connection for more efficient use of space above traveling base and maximizing lifting height.
- Available with weight measurement and data recording devices.
- Bridge and hoist drives with frequency inverters, double speed lifting (on request with inverter).

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STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
ZXD	≤500	≤50	Customized to existing structure

Ex-proof desing on request 

Higher capacities and spans available on request.
Substructures for traveling bases on request.

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UNDERSLUNG CRANES

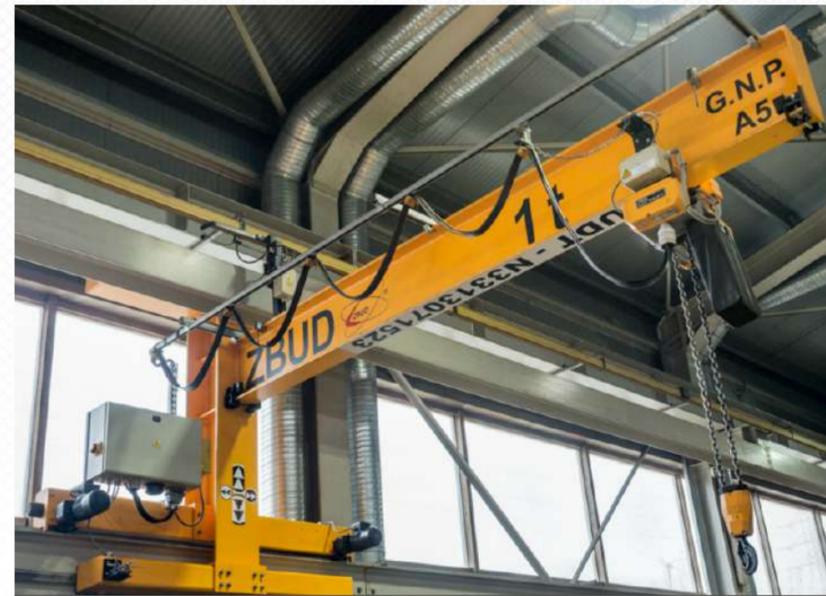


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SINGLE GIRDER TYPE ZXJP

- Different configurations of lifting capacities and spans.
- Maximizing use of the structure height, traveling base just below the roof.
- Available with electrical wire hoist and for lower lifting capacities electrical chain hoists.
- Available with two hoists working in a tandem.
- Two or more cranes working on a same traveling base equipped with optical anticollision system.
- Crane and hoist drives with frequency inverters.
- Available with extra cable drum next to the hoist to power up auxiliary lifting devices.
- Controlled from a push button pendant or wireless radio controlled.
- Available with manual drive of all drives including manual chain hoist type WŁ-P.
- Compact design of hoists allows to minimize dead zones when traveling and lifting.
- On request special execution-double girder ZXDP.

WALL TRAVELING CRANE



WALL TRAVELING CRANE ZK

WALL TRAVELING CRANE TYPE ZK

- Optimal usage of working area.
- Perfect as additional cranes.
- Working on independent railway, able to service multiple working stations.
- Different configurations of lifting capacities and spans.
- Controlled from a push button pendant or wireless radio controlled.
- Available with many customized equipment options.



STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
ZXJP	≤ 40	≤ 30	Customized to existing structure

Customized versions available on request.
Substructures for traveling bases on request.

Ex-proof desing on request 



STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
WALL TRAVELING CRANE	≤ 8	≤ 12	Customized to existing structure

Customized versions available on request.
Substructures for traveling bases on request.

Ex-proof desing on request 

GANTRY CRANES

SINGLE GIRDER GANTRY CRANES TYPE ZXBJ

- Different configuration of lifting capacities and spans.
- Available with or without extra booms.
- Available with two hoists working in a tandem.
- Crane and hoist drives with frequency inverters.
- Two or more cranes working on a same traveling base equipment with optical anticollision system.
- Designed and manufactured for outdoor use.
- Powered by spring cable drum equipped with engine drive for long traveling bases.
- Operated from a cabin or by wireless radio control.
- Equipped with service platforms.
- Available with lights for night operations.
- A/C operator cabin.
- Available with operator cabin traveling together with the hoists -especially useful at carriage reloading station.
- Available with weight measurement and data recording devices.
- Bridge and hoist drives with frequency inverters, double speed lifting (on request with inverter).

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STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
ZXBJ	<40	<36	Customized to existing structure

Ex-proof desing on request 

Customized versions available on request.
Substructures for traveling bases on request.

GANTRY CRANES

DOUBLE GIRDER GANTRY CRANES TYPE ZXBD

- Different configuration of lifting capacities and spans.
- Available with or with out extra booms.
- Available with two hoists working in a tandem.
- Crane and hoist drives with frequency inverters.
- Two or more cranes working on a same traveling base equipment with optical anticollision system.
- Designed and manufactured for outdoor use.
- Powered by spring cable drum equipped with engine drive for long traveling bases.
- Operated from a cabin or by wireless radio control.
- Equipped with service platforms.
- Available with lights for night operations.
- A/C operator cabin.
- Available with operator cabin traveling together with the hoists -especially useful at carriage reloading station.
- Available with weight measurement and data recording devices.
- Bridge and hoist drives with frequency inverters, double speed lifting (on request with inverter).



DOUBLE GIRDER GANTRY CRANES TYPE ZXBD



STANDARD EXECUTION

TYPE	LOAD CAPACITY [t]	SPAN [m]	LIFTING HEIGHT [m]
ZXBd	<100	<36	Customized to existing structure

Ex-proof desing on request 

Customized versions available on request.
Substructures for traveling bases on request.

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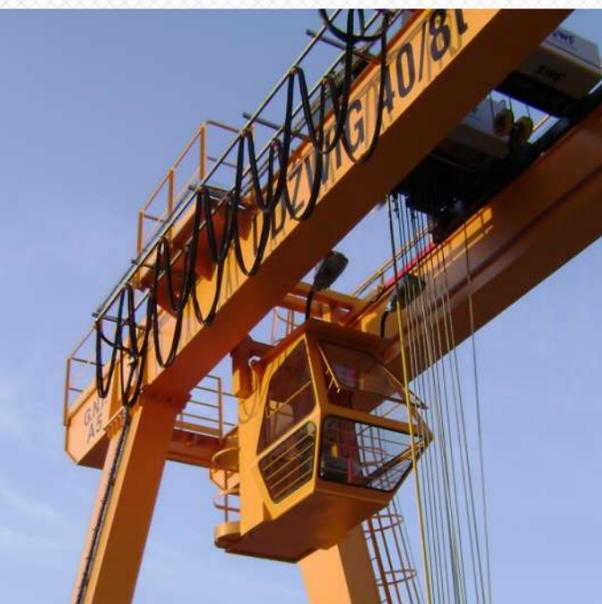
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DŹWIGNICOWYCH



SEMI - GANTRY CRANE



SEMI - GANTRY CRANE

- Different configuration of lifting capacities and spans.
- Available with or without extra booms.
- Available with two hoists working in a tandem.
- Crane and hoist drives with frequency inverters.
- Two or more cranes working on a same traveling base equipped with optical anticollision system.
- Designed and manufactured for outdoor use.
- Powered by spring cable drum equipped with engine drive for long traveling bases.
- Operated from a cabin or by wireless radio control.
- Equipped with service platforms.
- Available with lights for night operations.
- A/C operator cabin.
- Available with operator cabin traveling together with the hoists - especially useful at carriage reloading station.
- Available with weight measurement and data recording devices.

SEMI - GANTRY CRANE

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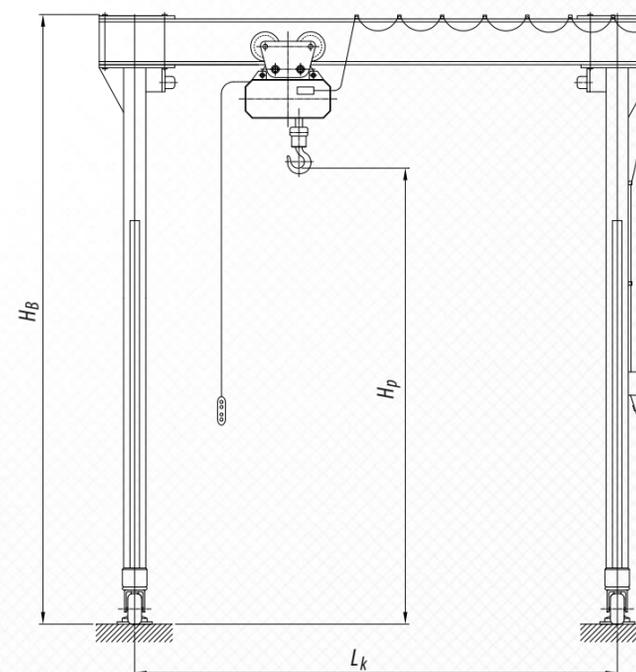
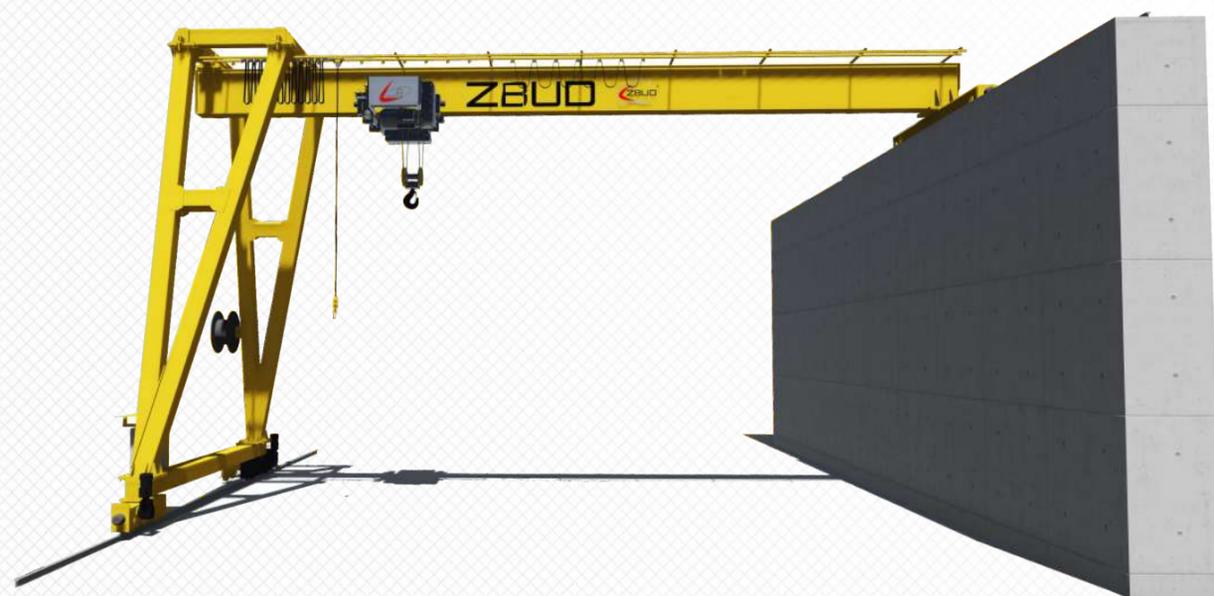
LIGHTWEIGHTED PORTAL CRANES



LIGHTWEIGHTED PORTAL CRANES

- Carrying portals.
- Lifting capacities up to 5000kg.
- Multiple applications for service and assembly operations.
- Light and simple construction allows easy movement.
- Customized lifting capacities and spans.
- Equipped with manual or electric chain hoist.
- Equipped with turnable wheels to simplify movement.

LIGHTWEIGHTED PORTAL CRANES



Dwg. Pillar type rotating Jib crane with winch Type ZS
 H_B - Total height
 H_p - Lifting height
 L_k - wheel track spread

Lk [mm]	→	3000	4000	5000	6000
Load capacity [kg]	↓				
250		x	x	x	x
500		x	x	x	x
1000		x	x	x	x
2000		x	x	x	x
1000		x	x	x	x
2000		x	x	x	x

- Available with:
- ▶ Manual Chain hoist
 - ▶ Electric Chain hoist
 - ▶ Standard lifting height 4m

Ex-proof desing on request

Ex-proof desing on request

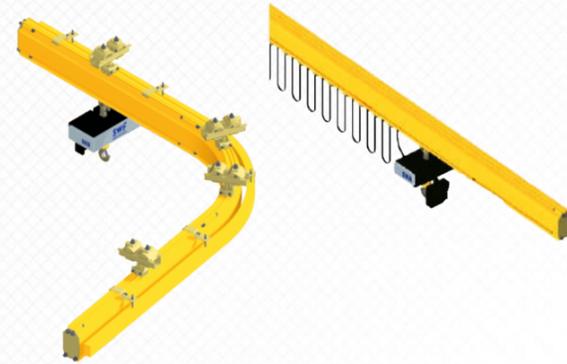
Construction span, hoist type and lifting hight depending on client requirements.

MASTER PROFILE



MASTER PROFILE

- MODULAR SINGLE GIRDER MASTER
- MODULAR DOUBLE GIRDER MASTER
- STRAIGHT AND CURVED MASTER RAILS



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OPERATOR'S CABINS

OPERATOR'S CABINS

- For installation on cranes.
- Stationary or traveling with the hoist.
- For cranes working outside.
- Equipped with efficient heating, windshield wipers and sprinklers, air-conditioned..
- Safe, tempered glass, control consoles integrated with operator's seat.



▶ cabin type KS 1



▶ cabin type KS 2



▶ cabin type KS 3

OPERATOR'S CABINS

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modular single girder master

- Light structures that can hold a crane with a load capacity up to 1600kg.
- The structures can be easily customized for individual requirements..
- Easy mounted , wide range of application.
- Possible reconstruction and extension.
- Long lasting construction and mechanisms.
- Manual or electrical hoist and crane drives.



modular double girder master

- Lifting capacity up to 2000kg.
- Easy handled manual drive.
- Electrical drive for higher load.
- Ergonomic and easy mounted power cables or busbar.
- Low-head construction maximizing working space.
- Easy customized due to wide range of modules and support.

Capacites up to 2000 kg