KoRo·IBS
MOVING AND BRAKE SYSTEM

Reference project

Industrial Brakes · Thrusters · Pressure Oil Pumps · Couplings · Hydraulic Buffers · Cellular Buffers
Rail Pliers · Sheaves · Hook Blocks · Crane Rail Wheels · Rail Clamps · Reparation · Service

Gantry crane from Kranbau Köthen

for RRD in Dortmund/Germany

KoRo IBS supplied parts

- electro-hydraulic rail clamp ZWA 320 retention force 320 kN

Technical specifications

Type: . . . . . Single-girder gantry crane in frame design
Load bearing capacity:. . . . . 2 x 25 t in the ropes
Special load bearing capacity: . . . . . 63 t
Span: . . . . . .68 m
Jib useable: 15 m water side
17 m land side

Width:. . . . . 108,6 m
Stroke height OKS to hook. . . . . .21 m
Total stroke height: . . . . . 26 m
Gantry height clearance: . . . . . 33.5 m
Total width above buffer:. . . . . 30.9 m

Stroke speed:
Up to 12 t . . . . . 0 . . . . 80 m/min
Up to 16 t . . . . . 0 . . . . 60 m/min
Up to 25 t . . . . . 0 . . . . 40 m/min (hook operation)
Up to 63 t . . . . . 0 . . . . 30 m/min (special load)
Trolley travel:. . . . . 0 . . . . 150 m/min
Crane movement: . . . . . 0 . . . . 80 m/min

Operation:. . . . . Hook, gripper, magnet operation

Mechanical engineering classification:
Lifting devices. . . . . .4 m
Special load . . . . . .2 m
Trolley travelling winch . . . . . .4 m
Crane travelling gear . . . . . .3 m

Steel construction classification:
Gripper/magnet operation. H3 B5
Hook operation. H2 B3
Special load H1 B2

Power supply. . . . . 10 KV
Operating voltage . . . . . 400 V
Control voltage . . . . . 230 V

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