ZAKŁAD BUDOWY
URZĄDZEŃ DŹWIGNICOWYCH
ZBUD SP. Z O.O.

CRANES
JIB CRANES
HOISTS
WINCHES
2015

ZAKŁAD BUDOWY URZĄDZEŃ DŹWIGNICOWYCH
ZBUD SP. Z O.O.

ZBUD

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CRANES

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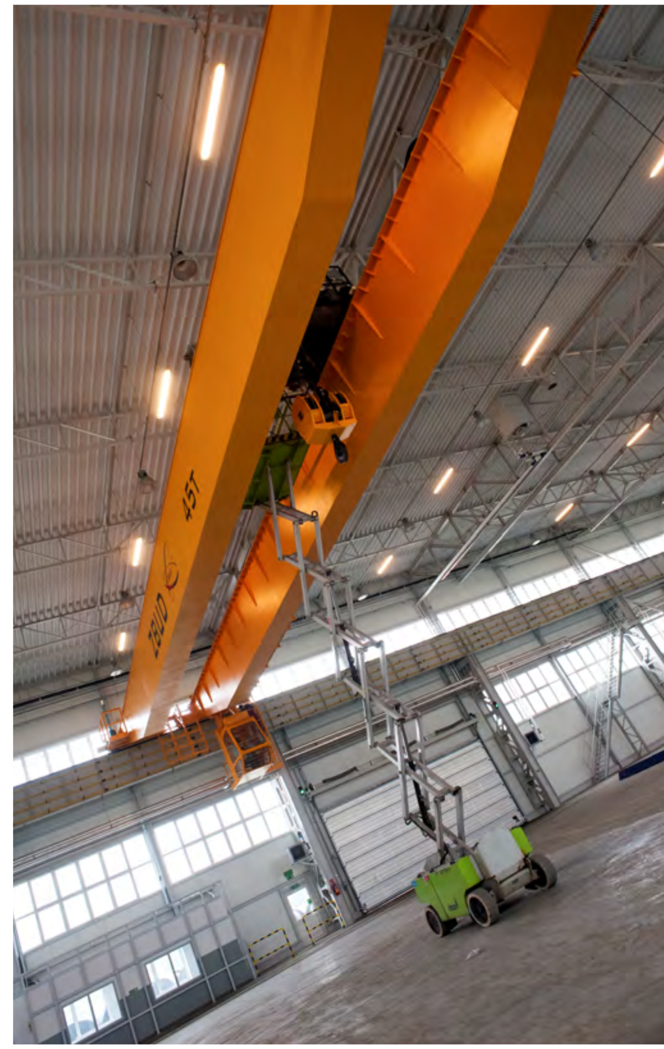


OVERHEAD CRANES

ZXJ

SINGLE GIRDER TYPE ZXJ

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 hois type WŁ-P.
- wireless radio control
- two or more cranes working on a same traveling base equipment with opical anticollision system
- anticontrollision sensors to avoid collisions to surrounding structures
- available with extra cable drum next to the hoist to power up auxilary lifting devices
- possible configuration of two single grider cranes working in a tandem on same traveling base

Ex-proof desing on request

ZXJ

standard execution

TYPE	LOAD CAPACITY [T]	SPAN [M]	LIFTING HEIGHT [M]
ZXJ	up to 20	30	as required

Customized versions available on request

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 converters
- equipment with service platforms
- available with two hoists working in a tandem
- available with extra cable drum next to the hoist to power up auxilary lifting devices
- two or more cranes working on a same traveling base equipment with opical anticollision system
- several variant of girder and carriage connection for more efficient use of space above traveling base and maximazing lift height
- available with weight measurement and data recording devices

Ex-proof desing on request

ZXD

TYPE	LOAD CAPACITY [T]	SPAN [M]	LIFTING HEIGHT [M]
ZXD	up to 500	50	as required

Customized versions available on request

UNDERSLUNG CRANES

ZXJP

SINGLE GIRDER TYPE ZXJP

SINGLE GIRDER TYP ZXJP

- different configurations of lifting capacities and spans
- maximizing use of the structure hight , 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 equipment with opical anticollision system
- crane and hoist drives with frequency converters
- available with extra cable drum next to the hoist to power up auxilary lifting devices
- steering from a push button pendant or wireless radio controlled
- available with manual drive of all drives including manual chain hois type WŁ-P.
- compact design of hoists allows to minimize dead zones when traveling and lifting

ZXJP

TYPE	LOAD CAPACITY [T]	SPAN [M]	LIFTING HEIGHT [M]
ZXJP	up to 20	30	as required

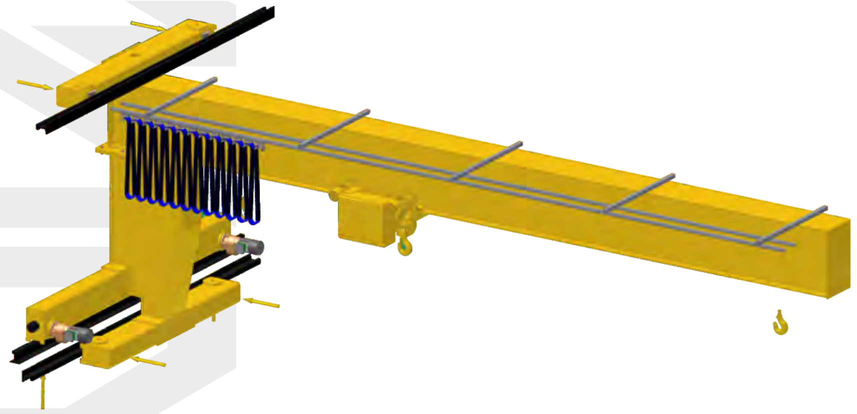
Customized versions available on request

Substructures fot traveling bases on request

WALL TRAVELING CRANE

Ex-proof desing on request

- optimal usage of working area
- perfect as additional cranes
- working on independent railway , able to service multiple working stations
- different configuration , also working in a tandem
- steering from a push button pendant or wireless radio controlled
- available with many customized equipment options



WALL TRAVELING CRANE

TYPE	LOAD CAPACITY [T]	SPAN [M]	LIFTING HEIGHT [M]
WALL TRAVELING CRANE	up to 20	30	as required

Customized versions available on request

Substructures fot traveling bases on request

GANTRY CRANES

SINGLE GIRDER GANTRY CRANES TYPE ZXBJ

SINGLE GIRDER GANTRY CRANES TYPE ZXBJ & 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 converters
- two or more cranes working on a same traveling base equipment with opical anticollision system
- design ed and manufactured for outdoor use
- powered by spring cable drum equipped with engine drive for long traveling bases
- operated form a cabin or by wireless radio control
- equipment 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

ZXBJ

TYPE	LOAD CAPACITY [T]	SPAN [M]	LIFTING HEIGHT [M]
ZXBJ	up to 100	36	as required

Customized versions available on request

DOUBLE GIRDER GANTRY CRANES TYP ZXBD

DOUBLE GIRDER TYPE ZXBD

ZXBD

MASTER PROFILE

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 every need
- easy mounting , wide range of application
- possible reconstruction and extension
- long lasting construction and mechanisms
- manual or electrical hoist and crane drives

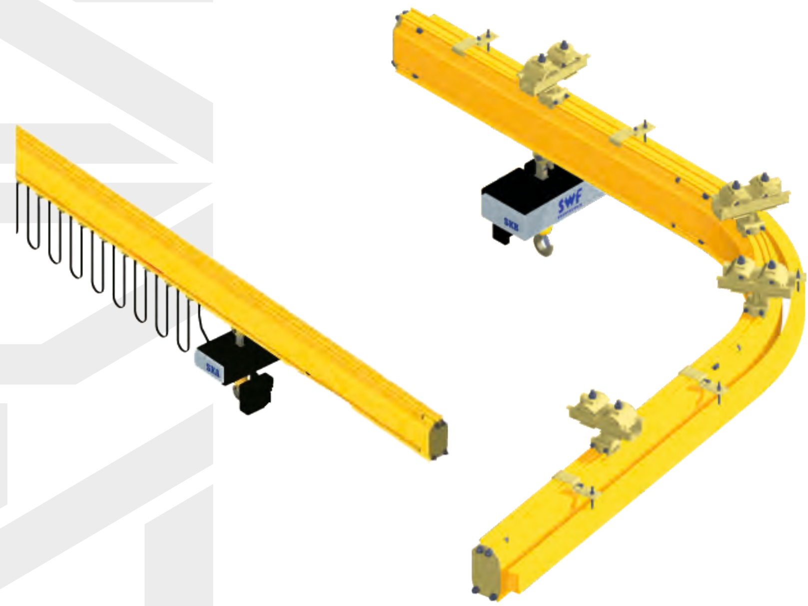
MODULAR DOUBLE GIRDER MASTER

- lifting capacity up to 2000kg
- easy handled manual drive
- electrical drive for higher loa
- ergonomic and easy mounted power cables or busbar
- low-head construction maximizing working space
- easy customized due to wide range of modules and support

MASTER

CAPACITY UP TO 2000 kg

lifting capacity up to 2000kgt



STRIGHT AND CURVED MASTER RAILS

- lifting capacity up to 2000kg
- flexible solution for transporting materials between working stations
- wide range of stright and curved modules available
- easy mounted, reconstructed , extended and modified due to modular construction
- ergonomic and easy mounted power supplie thru cables or busbars
- easy mounted below other cranes , mobility
- extremly wide working space
- light contruction minimizing building structure stress
- substructures for traveling based on request

KNP

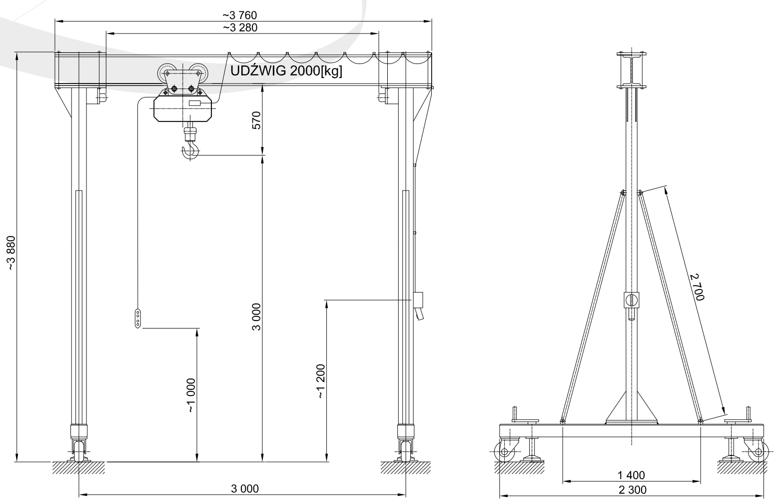
LIGHTWEIGHTED PORTAL CRANES

LIGHTWEIGHTED PORTAL CRANES

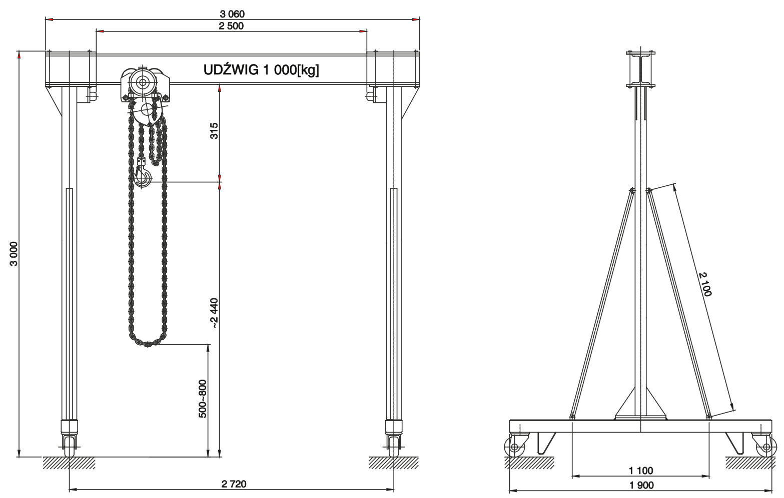
- Carrying portals
- lifting capacities up to 5000kg
- multiple applications for service and assembly operations
- light and simple contruction allows easy movement
- dcustomized lifting capacities and spans
- equipped with manual or electric chain hoist
- equipped with turnable wheels to simplify movement

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

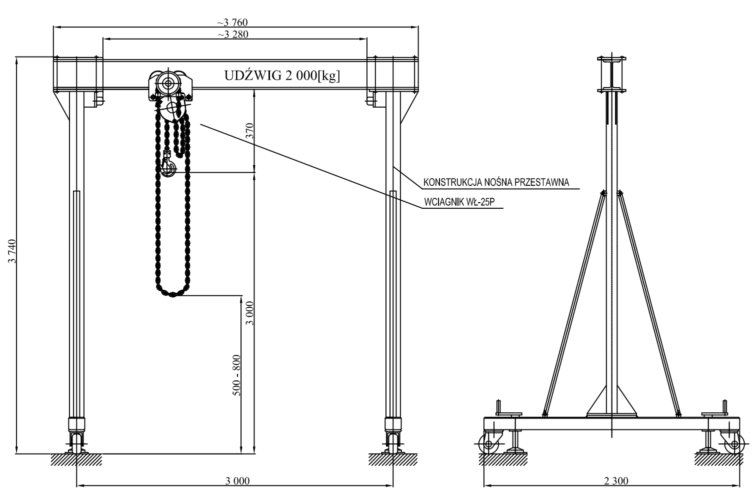
with electric wirerope hoist type WPP-e



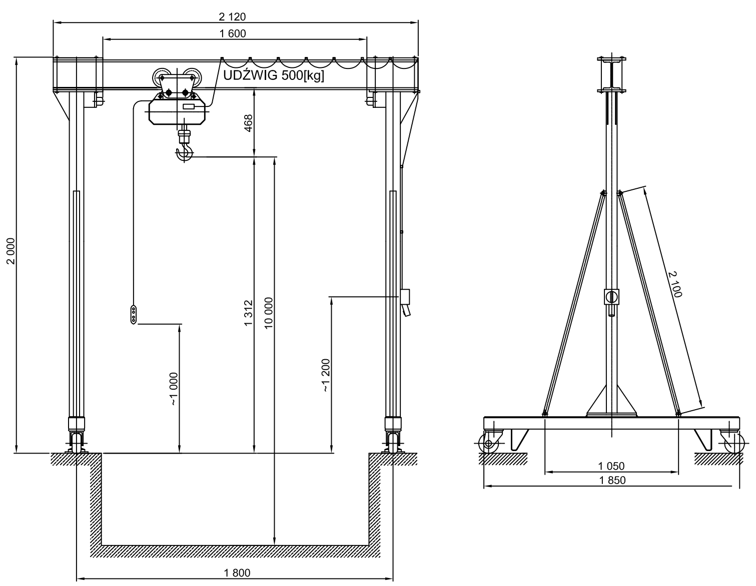
with manual chain hoist type WPP-r



with manual hoist type WP-r



with electrical hoist type WP-e



KS

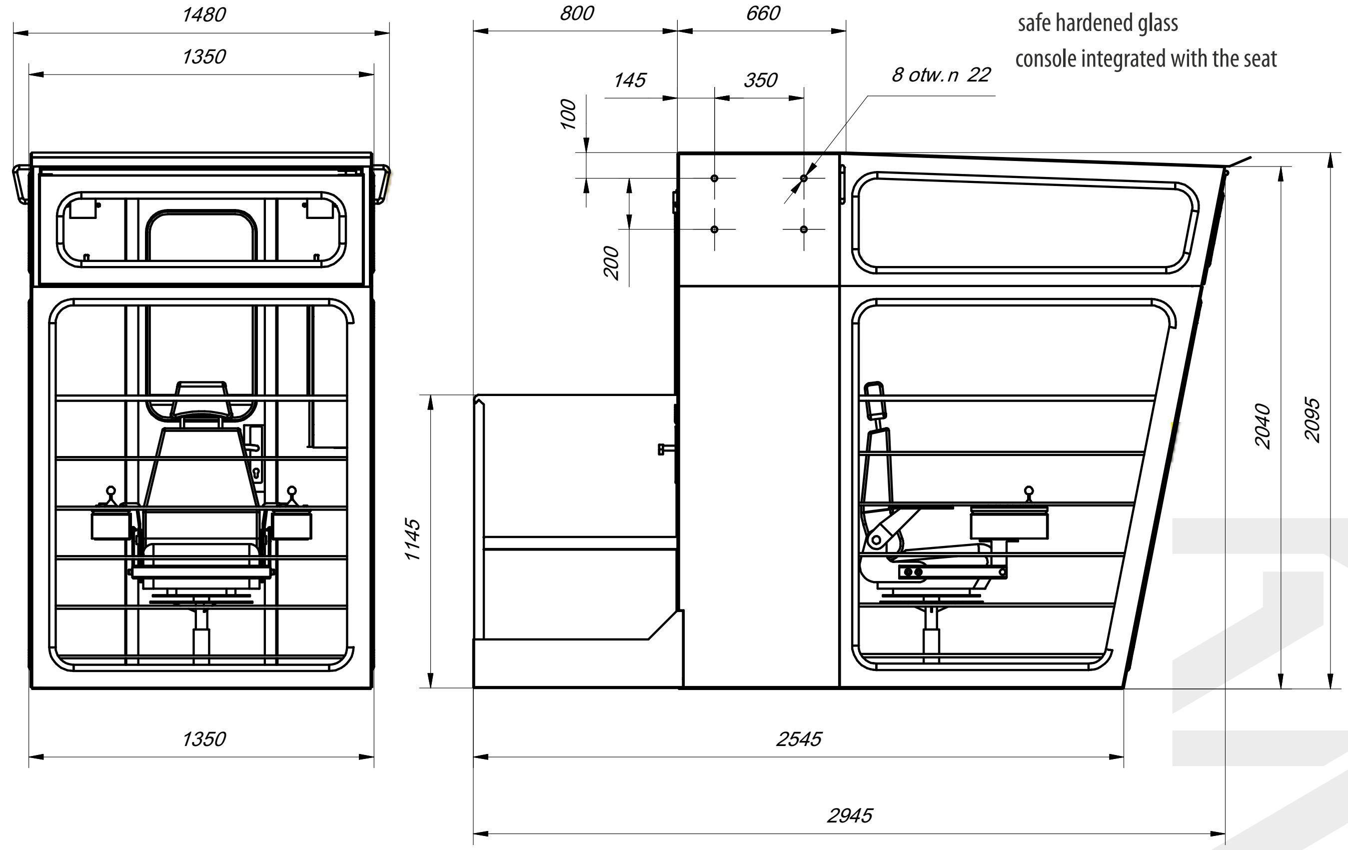
CABINS

OPERATOR CABINS

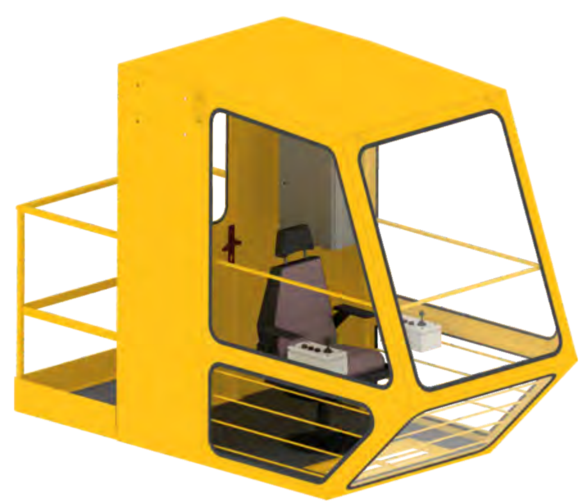
OPERATOR CANINSA

- to be equpped on cranes
- available as stationar or traveling with the hoist
- designed and manufactured for outdoor use
- equipped with heating , windshield wipers, sprinkling and A/C
- safe hardened glass
- console integrated with the seat

KS 1



KS 2



KS 3

more details available on
www.zbud.com.pl

JIB CRANES

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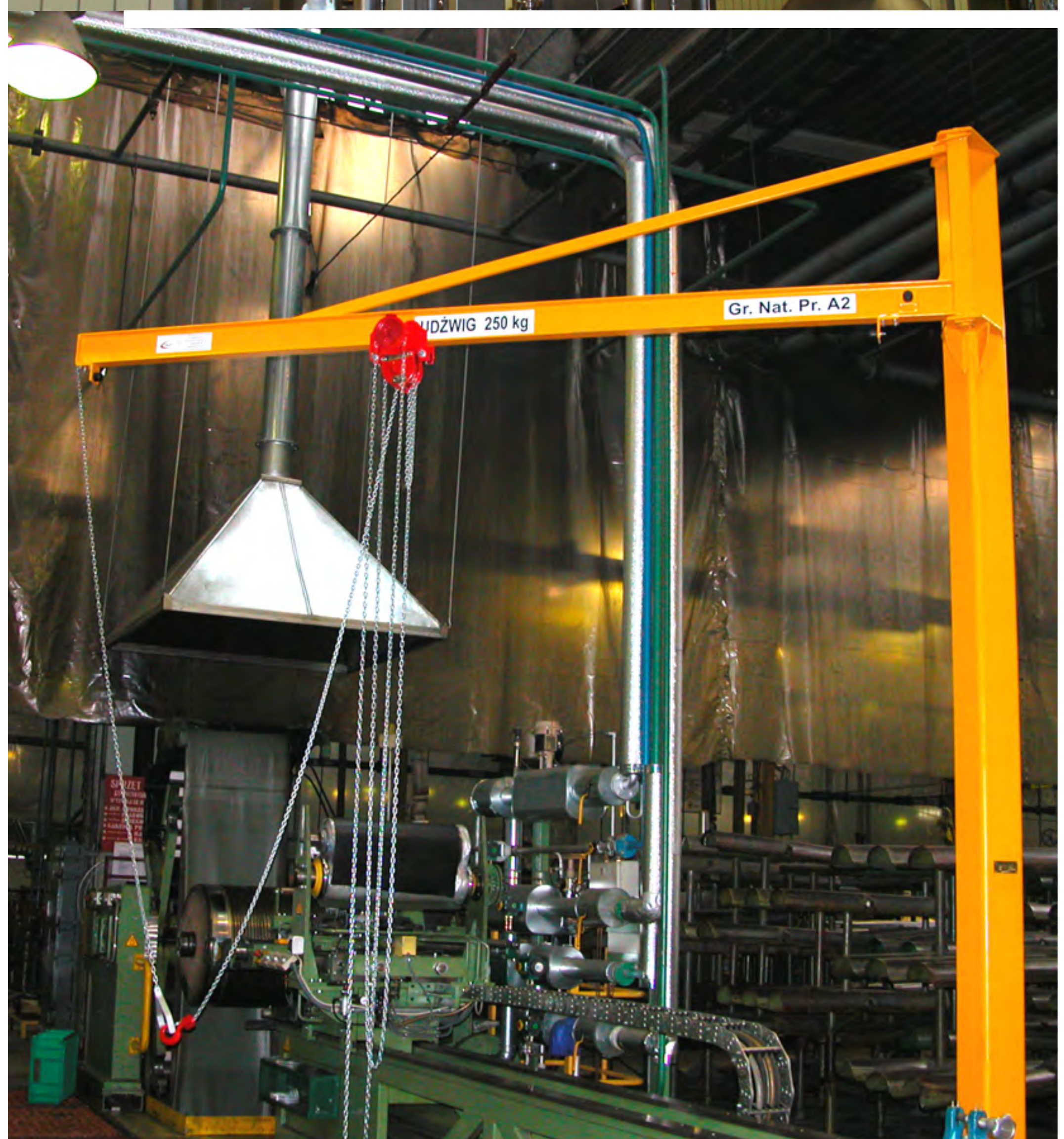
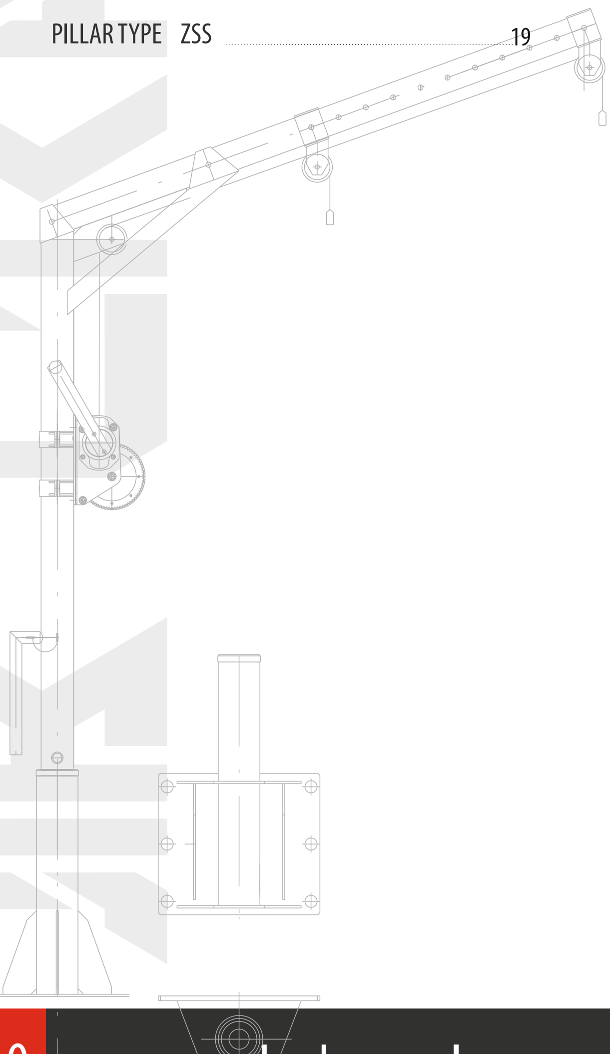




ZSL

PILLAR TYPE ZSL ROTATION 270

PILLAR TYPE JIB CRANES

PILLAR TYPE ZSL rotation to 270°

- applied wherever overhead crane cannot fit or its application is considered not economic
- useful as auxilary lifting device for different machines -allows easy transport for processed material and final product
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- light construction
- steering from a push button pendent or wireless radio controlled
- low weight and limited lifting capacity allow to install the jib crane on existing foudations does not require additional substructures

JIB CRANE TYPE ZSL

TYPE CRANE	JIB lenght [m] Hp										
ZSL-125	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZSL-250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZSL-500	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
ZSL-1000	✓	✓	✓	✓	✓	x	x	x	x	x	x

lifting height up tp 4,0[m],higher values on request

PILLAR TYPE ZSX ROTATION 270°

PILLAR TYPE ZSX rotation to 270°

- applied wherever overhead crane cannot fit or its application is considered not economic
- iuseful as auxilary lifting device for difefrent machines - allows easy tranport for processed material and final product
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- light construction
- lsteering from a push button pendent or wireless radio controlled
- low weight and limited lifting capacity allow to install the jib crane on existing foundations does not require additional substructures
- maximazing ude of the structure hight for higher lifting

JIB CRANE TYPE ZSX

TYPE CRANE	JIB lenght [m] Hp										
ZSL-125	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZSL-250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ZSL-500	✓	✓	✓	✓	✓	✓	✓	✓	✓	x	x
ZSL-1000	✓	✓	✓	✓	✓	x	x	x	x	x	x

lifting height up tp 4,0[m],higher values on request

ZSXL

PILLAR TYPE ZSXL

Pillar type ZSXL rotation up to 360°

PILLAR TYPE ZSXL ROATTION 360

- maximizing use of the structure hight for higher lifting
- useful as auxilary lifting device for different machines - allows easy transport for processed material and final product
- applied wherever overhead cranes cannot fit or its application is considered not economic
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- equiped with electric rotation drive - more safe and more comfortable in operation for higher lifting capacities
- rotation drive equiped with frequency converter for smooth moving
- steering from a push button pendant or wireless radio controlled

JIB CRANES

JIB CRANE TYPE ZSXL

JIB lenght [m] Hp	2,0	3,0	4,0	5,0	6,0	7,0	8,0	9,0
TYPE CRANE								
ZSL-125	6,5	3,8	4,1	4,9	3,7	3,7	3,7	-
ZSL-250	3,5	5,9	4,0	4,2	3,8	5,6	4,5	-
ZSL-500	5,0	4,4	3,8	3,5	4,3	4,1	5,0	-
ZSL-1000	4,3	5,7	4,0	3,7	4,2	3,8	4,1	-
ZSL-1600	5,6	4,4	4,5	4,3	4,2	4,3	4,1	4,4
ZSL-2000	4,4	5,1	4,6	4,6	4,3	4,3	4,5	-
ZSL-3200	4,7	3,7	3,5	4,1	4,1	3,9	-	-
ZSL-5000	4,7	3,7	4,1	3,6	3,7	-	-	-
ZSL-6300	3,6	3,5	3,8	3,7	_	_	_	_
ZSL-8000	4,0	3,8	-	-	-	-	-	-

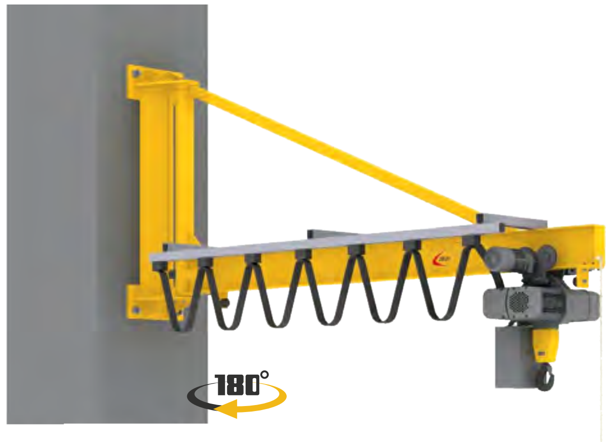
lifting height up tp 4,0[m],higher values on request

WALL TYPE JIB CRANES

WALL TYPE ZPL

WALL TYPE JIB CRANE ZPL

- fixed to existing workshop contruction - steel or concrete
- frequently fixed directly to machines
- useful as auxilary lifting device for different machines - allows easy transport for processed material and final product
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- equiped with electric rotation drive - more safe and more comfortable in operation
- steering from a push button pendant or wireless radio controlled



ZPL

JIB CRANE TYPE ZPL

Jib crane type	Lifting capacity [T]	Rotation range	Rotation drive	Jib lenght [m] Hp	Lifting drive
	kg	[stopnie]	mm	mm	mm
ZPL	do 1,0	180 °	manual	6	manual / electric

WALL TYPE ZPX

Available with manual or electric hoist and rotation drive

WALL TYPE JIB CRANE ZPX

- fixed to existing workshop contruction - steel or concrete
- frequently fixed directly to machines
- useful as auxilary lifting device for different machines - allows easy transport for processed material and final product
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- equiped with electric rotation drive - more safe and more comfortable in operation
- steering from a push button pendant or wireless radio controlled
- maximizing use of the structure hight for higher lifting
- fixed to a wall 180 deg rotation , fixed to a self standing pillar rotation up to 270 deg.

ZPX

CRANES TYPE ZPX

Jib crane type	Lifting capacity [T]	Rotation range	Rotation drive	Jib lenght [m] Hp	Lifting drive
	kg	[stopnie]	mm	mm	mm
ZPX	do 3,2	180 °	manual	6	manual / electric

WALL TYPE JIB CRANES

WALL TYPE ZPXL

WALL TYPE ZPXL

- fixed to existing workshop contruction - steel or concrete
- frequently fixed directly to machines
- useful as auxilary lifting device for different machines - allows easy transport for processed material and final product
- to be placed in workshops equiped with overhead cranes as more precise lifting devices for single work station
- equiped with electric rotation drive - more safe and more comfortable in operation
- steering from a push button pendant or wireless radio controlled
- maximizing use of the structure hight for higher lifting
- fixed to a wall 180 deg rotation , fixed to a self standing pillar rotation up to 270 deg.
- reliable construction for hight lifting capacities and long jibs

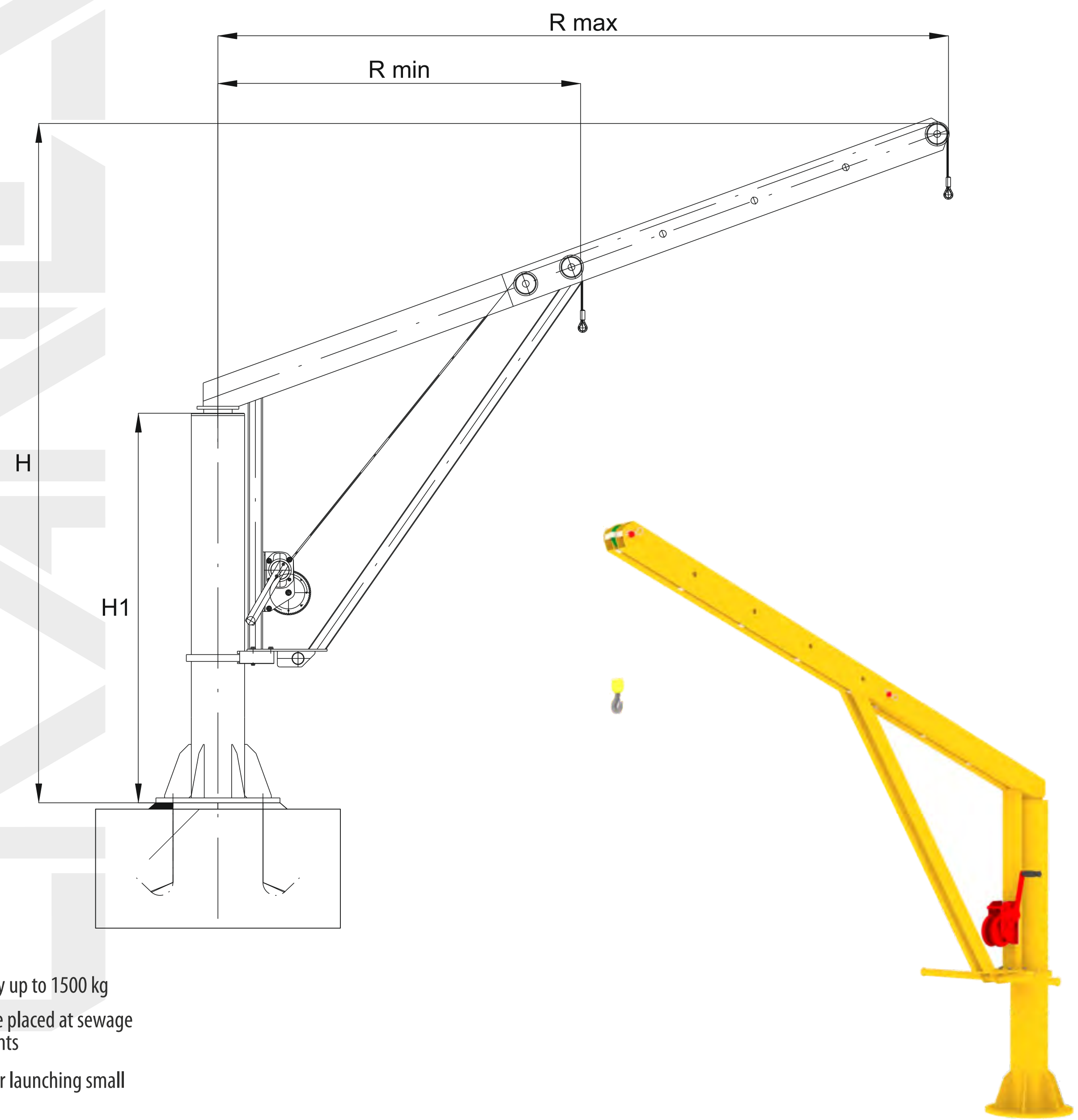
ZPXL

JIB CRANE TYPE ZPXL

Jib crane type	Lifting capacity [T]	Rotation range	Rotation drive	Jib lenght [m] Hp	Lifting drive
	kg	[stopnie]	mm	mm	mm
ZPXL	do 5,0	180 °	electric	8	manual / electric

JIB CRANES FOR SEWAGE TREATMENT PLANTS

PILLAR TYPE ZSŁ



PILLAR TYPE ZSŁ

- lifting capacity up to 1500 kg
- designed to be placed at sewage treatment plants
- can be used for launching small boats
- galvanized as standard execution available also as acid resistant
- with manual drives does not require registration*

*check local authorities regulations

Pillar type with winch type ZSŁ

TYPE	Lifting capacity[T]	r min	r max	Liftinh hight H	Liftinh hight H1	Weight	Line lenght
	kg	mm	mm	mm	mm	kg	m.
ZSŁ - 65	650	1500	3000	3000	1760	260	12
ZSŁ -100	1000	1500	3000	3000	1720	460	12
ZSŁ -150	1500	1500	3000	3000	1720	580	12

ZSW

JIB CRANES FOR SEWAGE TREATMENT PLANTS

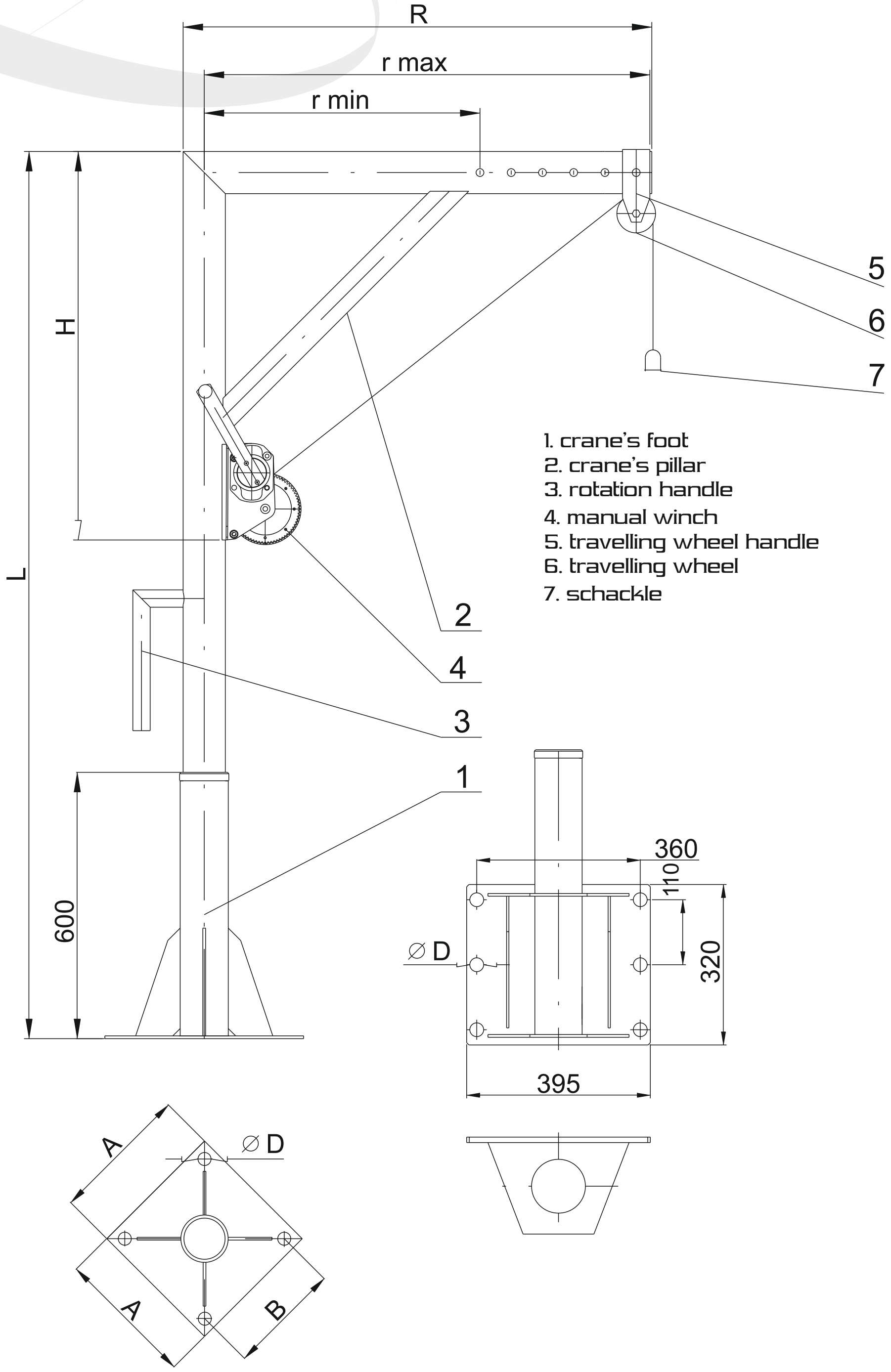
PILLAR TYPE ZSW

PILLAR CRANES TYPE ZSW

- lifting capacity up to 400 kg
- designed to be placed at sewage treatment palants
- easy mounted , fixed with four screws to any substructure
- pillar easy removable from the foot - one crane many feet =many working stations servised by 1 device
- galvanized as standard execution , availab
- with manual drives does not require registration*
- easy operated - rotated on a non corrosive non lubricated bearing

*check local authorities regulations

Delivered with manual winch acid resistan wire line and schackle



1. crane's foot
2. crane's pillar
3. rotation handle
4. manual winch
5. travelling wheel handle
6. travelling wheel
7. schackle

Dimension

CRANE TYPE	A	B	⌀ D
	kg	mm	mm
ZSW-15	300	240	18
ZSW-25	300	260	18
ZSW-40	375	300	22

ZSW

Pillar crane with hoist type ZSW

CRANE TYPE	Lifting capacity[T]	r min	r max	L[mm]		R [mm]	H [mm]	
	kg	mm	mm	mm	mm	kg	min	max
ZSW-15	150	628	1250	1700	2700	1323	845	1245
ZSW-25	250	744	1500	2000	3250	1585	995	1620
ZSW-40	400	754	1500	2250	3500	1585		

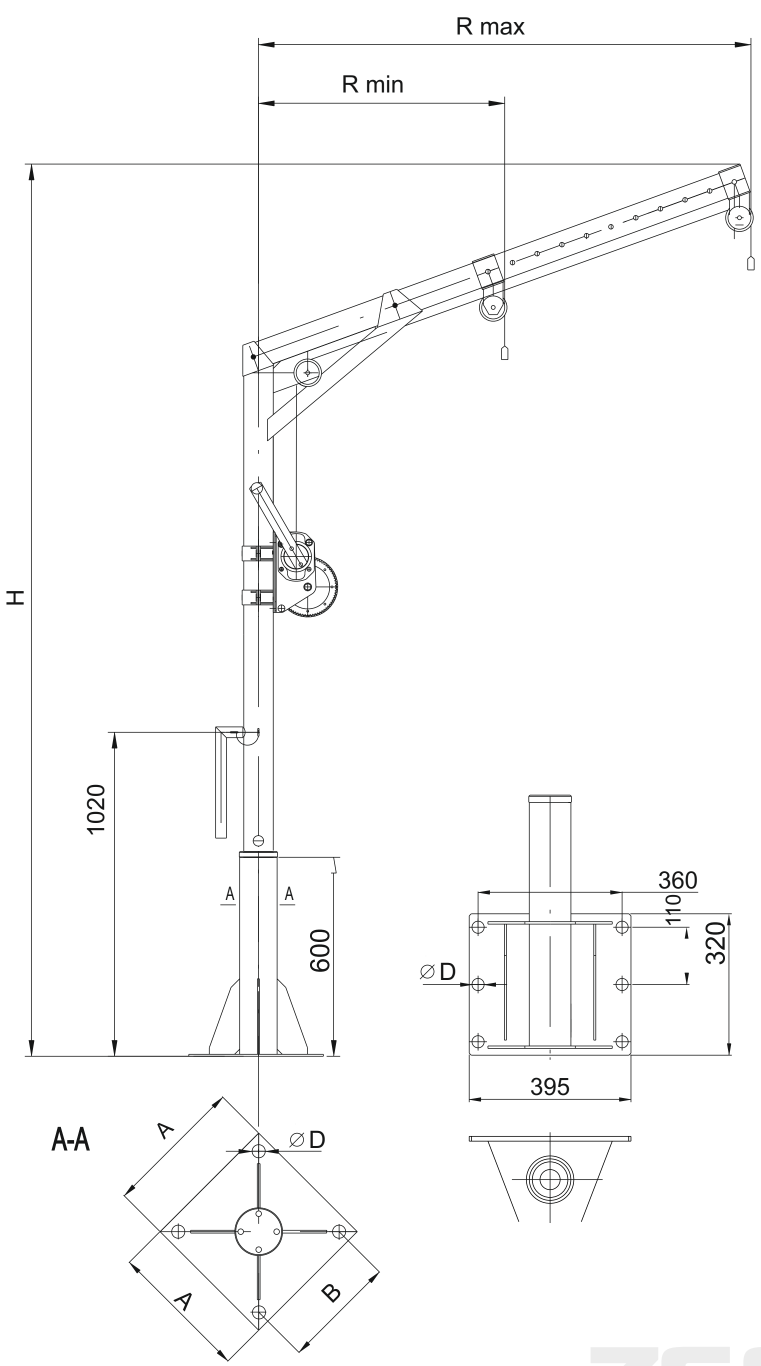
Anti corrosion protection - galvanizing , stainless steel

ZSS

JIB CRANES FOR SEWAGE TREATMENT PLANTS

PILLAR TYPE ZSS

PILLAR CRANES TYPE ZSS



udźwig do 400 kg

żurawiki przeznaczone do zabudowy na terenie oczyszczalni ścieków , pompowni itp.

łatwość montażu - stopa żurawia przykręcana do podłoża czterema śrubami

łatwość manewrowania - bezsmarne , niekorodujące łożysko obrotu

słup żurawia wsuwany w stopę -kilka stóp i jedensłup „obsługuje" więcej urządzeń

wysięgnik montowany do słupa przy pomocy sworzni-łatwość transportu i przemieszczania na obiekcie

z napędem ręcznym mechanizmu podnoszenia - nie wymagają rejestrowania w oddziale Urzędu Dozoru Technicznego

wraz z kwasosodporna linką stanowią podstawowe narzędzie umożliwiające łatwy dostęp i serwisowanie zatapialnych mieszadeł , pomp

Delivered with manual winch acid resistan wire line and schackle

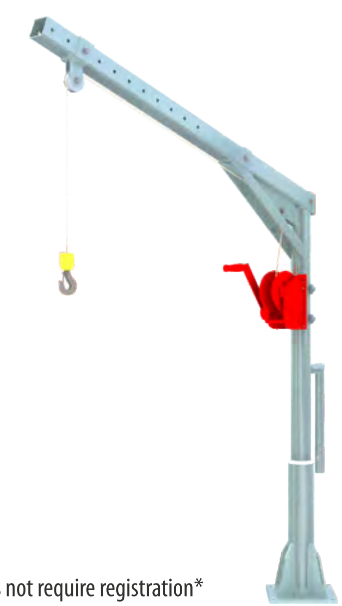
Dimension

Lp.	H	r max.	r min.
	kg	mm	mm
1	2390	1500	750
2	2590		
3	2790		
4	2990		

ZSS

Pillar crane with hoist type ZSS

CRANE TYPE	Lifting capacities [T]	A	B	⌀D
	kg	mm	mm	mm
ZSS-15	150	300	240	18
ZSS-25	250	300	260	18
ZSS-40	400	375	300	22



CE certified device does not require registration*

HOISTS

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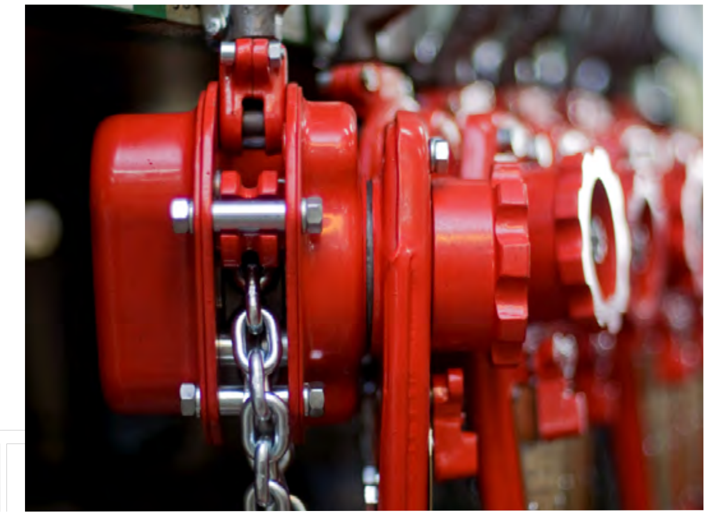
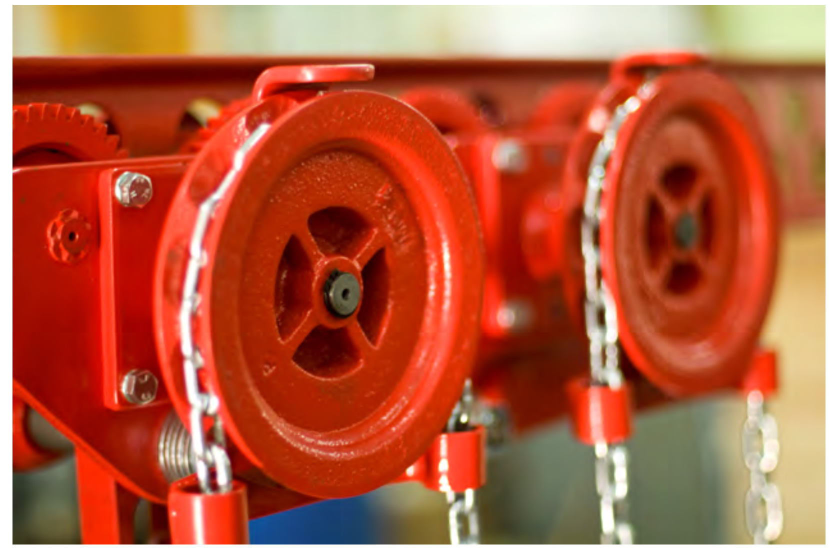
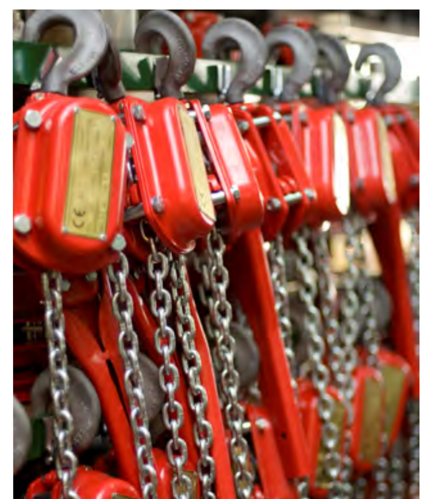
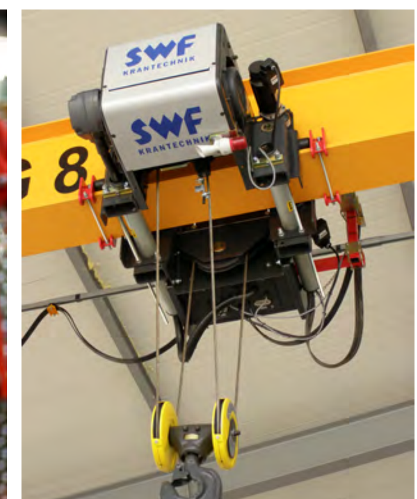








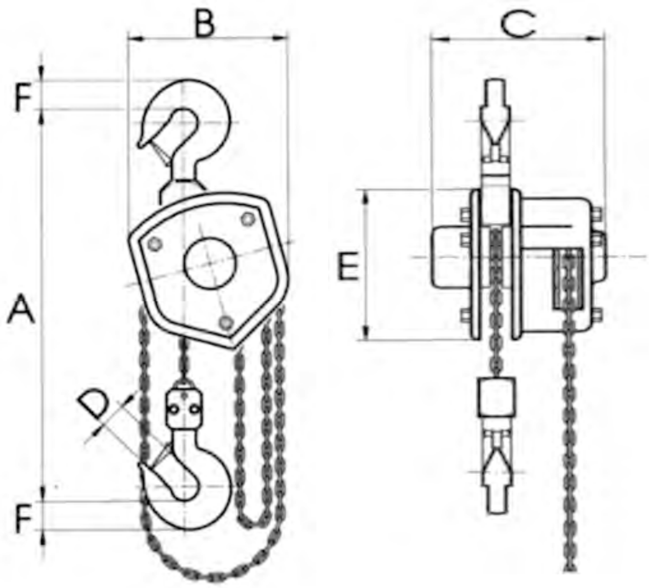
WŁ-S

CHAIN HOISTS

MANUAL STATIONAR TYPE WŁ-S

dimensions

A	380	395	440	560	560	640	760	720
B	155	184	184	208	208	282	380	395
C	156	162	162	176	180	197	189	189
D	28	28	28	32	32	39	50	50
E	167	196	196	222	222	293	295	295
F	25	25	29	39	39	48	58	58



SPECIFICATION

TYPE HOISTS		WŁ-05S	WŁ-10S	WŁ-15S	WŁ-25S	WŁ-32S	WŁ-50S	WŁ-80S	WŁ-100S
LADING CAPACITY[T]	[t]	0,5	1,0	1,5	2,5	3,2	5,0	8,0	10,0
LIFTING HEIGHT Hp	[m]	3 m standard; max. 30							
NUMBER OF SLINGS	[szt]	1	1	2	2	2	2	3	4
FORCE	[daN]	28	31	21	32	42	46	48	48
WEIGHT	[kg]	11,0	18,0	19,5	28,0	32,0	51,0	73	85,0

CHAIN HOISTS WŁ-S

Exemplary request: Chains hoist WŁ-10 Hp=4m;Hm=4m
Hm-streing chain lenght

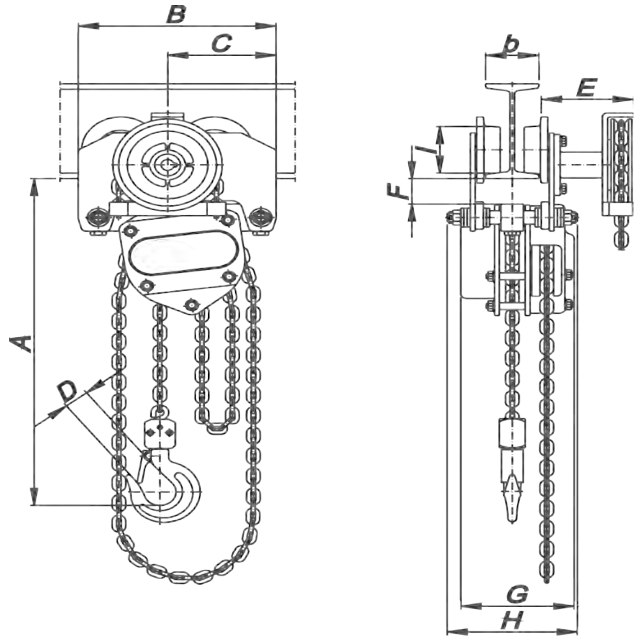
MANUAL CHAIN HOISTS WŁ-S

- lading capacity up to 35t
- wide aplication in transporting , assembling and service activites
- variable configuration of chain - lifting and steering operating form different places
- highest quality load chains
- powder coating - high corrosion resistance
- available with stainless or cadmium chains and galvanized bodies
- compliant with ATEX for EX zone EX:II 3G
- aplicable in underground mines - Ex:I,M2
- up to 2000kg no need to register as lifting device (acc.to polish law)

CHAIN HOISTS

WŁ-P

MANUAL CHAIN HOIST WŁ-P



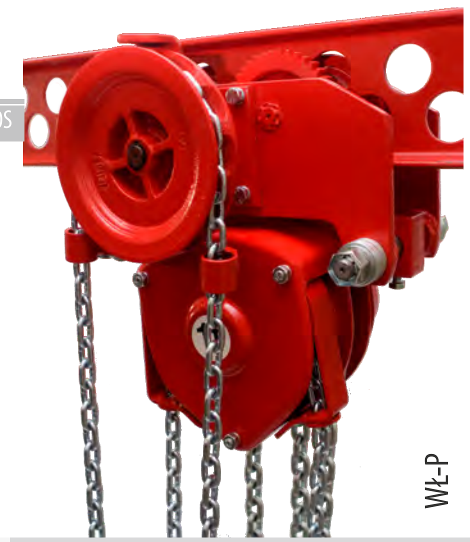
dimensions

A	315	335	370	465	470	500	600	640
B	246	285	285	360	365	450	545	545
C	135	164	164	212	217	274	320	320
D	28	28	28	32	32	39	44	44
E	98	118	118	126	130	160	170	170
F	45	42	42	42	34	40	46	46
G	156	162	162	176	180	197	197	197
H	158	204	204	255	282	326	365	365
I	70	80	80	96	106	120	160	160

On special request we manufacture hoists with higher lifting capacities.

SPECIFICATION

		WŁ-05S	WŁ-10S	WŁ-15S	WŁ-25S	WŁ-32S	WŁ-50S	WŁ-80S	WŁ-100S
LADING CAPACITY[T]	[t]	0,5	1,0	1,5	2,5	3,2	5,0	8,0	10,0
LIFTING HEIGHT Hp	[m]	3 m standard; max. 30							
NUMBER OF SLINGS	[szt]	1	1	2	2	2	2	3	4
FORCE	[daN]	28,0	31,0	21,0	32,0	42,0	46,0	48,0	48,0
WEIGHT	[kg]	22,0	37,0	40,5	68,0	69,0	112,0	183,0	194,0
MINIMUM RAIL RADIUS	[M.]	1,0	1,3	1,3	1,5	1,6	2,0	2,0	2,0
TRAVELING RAIL RANGE	[mm]	50-90	66-106	66-106	98-143	110-170	106-170	143-200	143-200



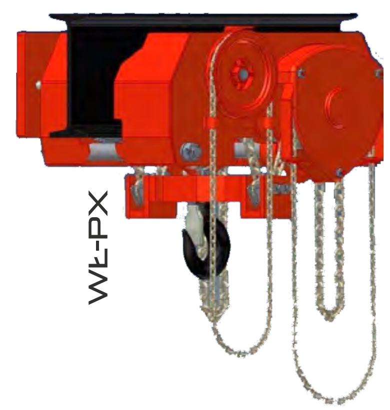
WŁ-P

CHAIN HOISTS WŁ-P

Exemplary request Travelling chain hoist WŁ-P-25: Hp=5m,Hm=5m, b=155
b- beam width ,Hm-steering chain lengght

MANUAL CHAIN HOISTS WŁ-P

- standard lifting capacity up to 10t
- on request available lifting capacity up to 50t
- variable configuration of chains - lifting and steering operating form different places
- highest quality load chains
- powder coating - high corrosion resistance
- available with stainless or cadmium chains and galvanized bodies
- compliant with ATEX for Ex : II 3G
- aplicable in underground mines Ex:I,M2
- up to 2000kg no need to register as lifting device (acc. to polish law)
- mounting on different traveling beams - wide range of beam shapes and widths
- easy mounted on rails - no special tool srequired
- wide application in transporting , assembling and service activities



WŁ-PX

As an option : low headroom desingn,manual, locking mechanizm or self locking mechanizm

WŁ-G

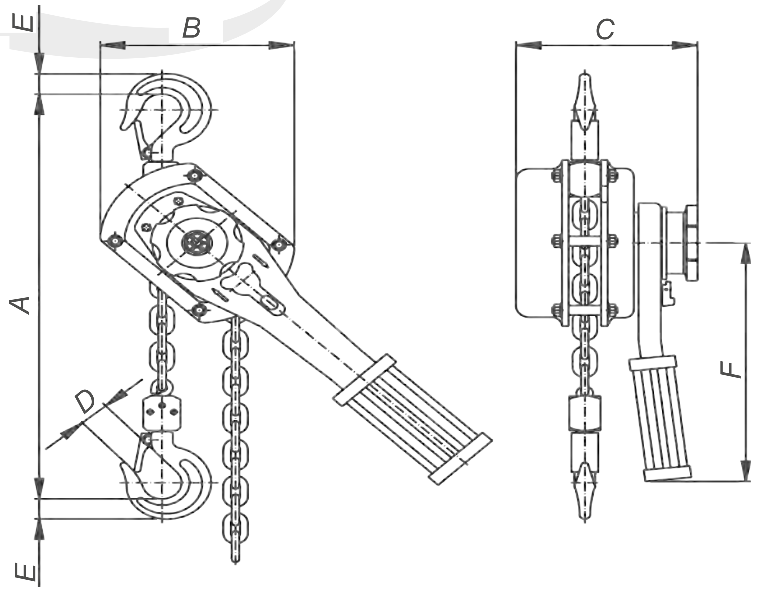
CHAIN HOISTS

MANUAL STATIONAR TYPE WŁ-G

dimensions

	WŁG-075	WŁG-10	WŁG-15	WŁG-32	WŁG-60
A	335	335	380	495	560
B	140	140	180	200	200
C	170	170	170	195	195
D	28	28	28	32	39
E	25	25	29	39	48
F	320	320	400	400	400

On special request we manufacture hoists with higher lifting capacities.



SPECIFICATION

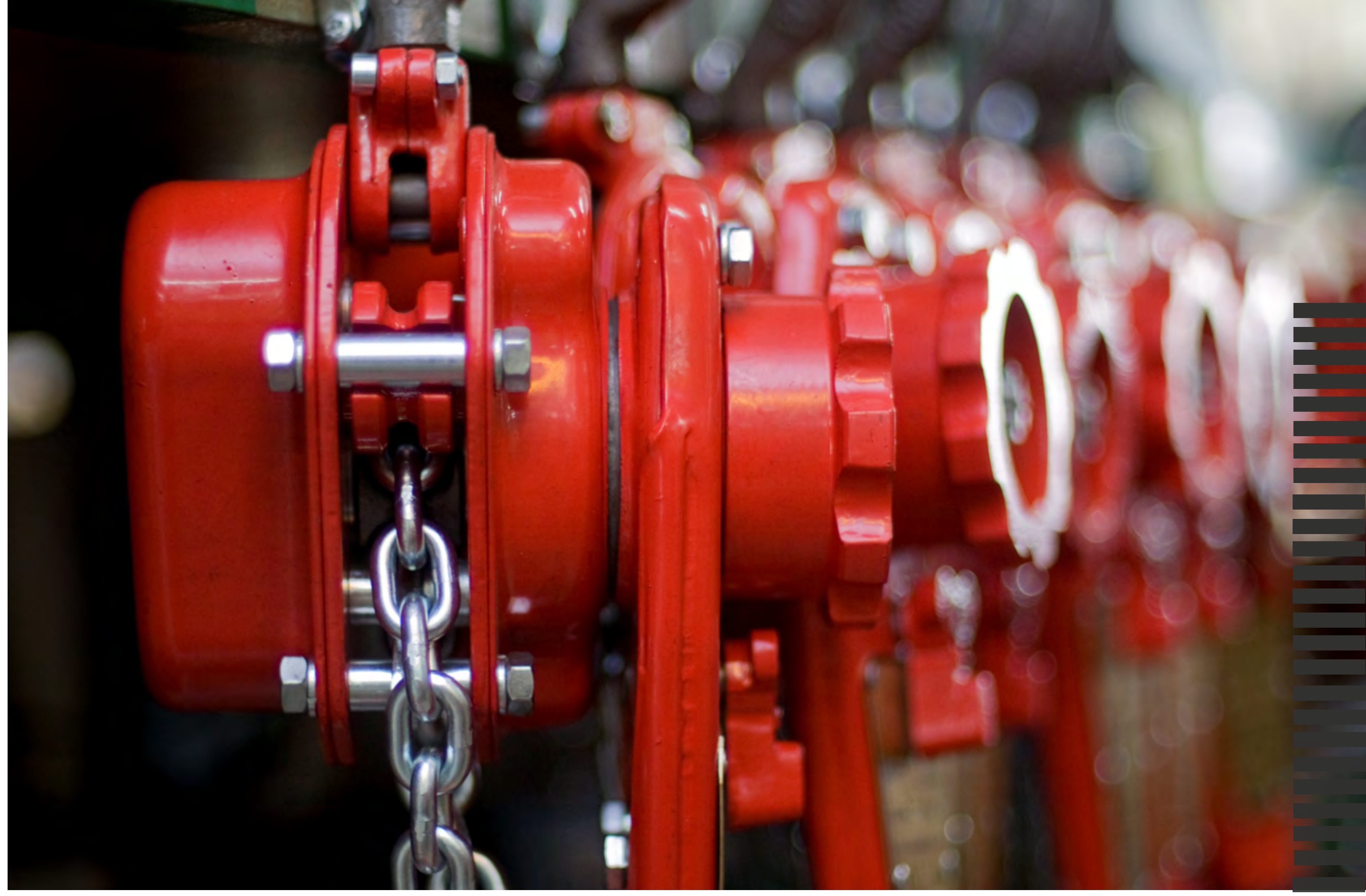
TYPE HOISTS		WŁG-075	WŁG-10	WŁG-15	WŁ-32	WŁ-60
LADING CAPACITY[T]	[t]	0,75	1,0	1,5	3,0	6,0
LIFTING HEIGHT Hp	[m]	1,5 m standard; max. 30				
NUMBER OF SLINGS	[szt]	1	1	1	1	2
FORCE	[daN]	19	25	32	44	46
WEIGHT for Hp=1,5 verision A	[kg]	9	-	16	23	36
WEIGHT for Hp=1,5 verision B	[kg]	8,5	9	13	21	30

MANUAL STATIONAR WŁ-G

Exemplary request: Chains hoist WŁG-32B: Hp=3m

MANUAL STATIONAR TYPE WŁ-G

- standard lifting capacity up to 6,3t
- execution according to ATEX regulations devices class II 3G
- highest quality load chains
- ready to work horizontal for pulling load and initial tension of lines , wires
- wide range of application for assemble and service activities
- frame and body powder painted , hight corrosion resistance
- ready to work in underground coal mines - devices Ex class I M2 , with lifting to 2000kg do not require registration



HOISTS

ELECTRIC CHAIN HOIST LIFTKET

LIFTKET Q=125 - 2000kg U=400V

LIFTKET Q=125-2000 KG

three phase AC electric chain hoist U=400V
lifting capacities Q=125-2000kg
available stationar with manual or electric trolley
on request can be delivered with encoder , stainless chain ,U=500V , direct or 24V low voltage steering

STAR LIFTKET Q=125 - 6300kg U=400V

LIFTKET & LIFTKET STAR - special design

for enterteinment industry
low headroom
double hook
with extremaly high lifting heights (wind mills)

LIFTKET Q=125-6300KG KG

lifting capacities Q=125-6300kg
three-phase AVC electric chain hoist U=400V
available stationar with manual or elecric trolley
on request can be delivered with encoder , stainless chain , U=500V , direct or 24V low voltage steering

ELECTRIC CHAIN HOIST LIFTKET

STAR LIFTKET Q=125 - 6300kg U=400V

STAR LIFTKET Q=125-6300 KG

three phase AC electric chain hoist U=400V
lifting capacities Q=125-6300kg
vailable stationar , with manual or electric trolley

STAR LIFTKET 400V

Chain dimension EN 818-7 T[mm]	Single sling lifting capacities	Lifting speed for 50 Hz [m/s]	Double sling lifting capacities	lifting speed	Hoist type	Duty group FEM 9.511	Chain duty FEM 9.511	Number of switch on's on hour [%]/ h [S/h]	Lifting drive power for 50 Hz [kW]	Electric hoist weist , single sling , no chain	A [mm]	B [mm]	C [mm]	G single sling [mm]	G double sling	G2 single sling [mm]	G2 double sling [mm]	J single sling[mm]	J double sling [mm]	Trolley Type	F t beam range ravelling [mm]	Driving speed for 50Hz	Driving motor power 50Hz [kW]
4 x 12	125	24	250	12	020/50	3m	1Bm	60/240	0,55	17	212	192	220	359	407	406	454	20	22	500	N 50-106 S1 110-200 S2 210-300	5/20 16 25	0,04/0,18 0,12 0,12
	125	8	250	4	202/52	3m	2m	60/360	0,25	17	212	192	220	359	407	406	454	20	22	500			
	125	4/1	250	2/0,5	021/57	3m	2m	60/40/240	0,32/0,08	17	212	192	220	359	407	406	454	20	22	500			
	125	8/2	250	4/1	021/53	3m	3m	60/40/240	0,32/0,08	17	212	192	220	359	407	406	454	20	22	500			
	250	6	500	3	020/53	3m	2m	60/240	0,55	17	212	192	220	359	407	406	454	20	22	500			
	250	8	500	4	020/54	2m	1Bm	60/240	0,55	17	212	192	220	359	407	406	454	20	22	500			
	250	8/2	500	4/1	021/51	2m	2m	40/25/240	0,32/0,08	17	212	192	220	359	407	406	454	20	22	500			
5,2 x 15	125	24/6	250	12/3	051/50	3m	2m	60/25/240	0,55/0,12	33	266	232	274	394	442	436	489	20	22	500	N 50-106 S1 110-200 S2 210-300	5/20 16 25	0,04/0,18 0,12 0,12
	250	12	500	6	030/50	2m	2m	60/240	0,55	18	212	192	220	359	407	406	454	20	22	500			
	250	24	500	12	050/52	3m	1Bm	60/240	1,1	33	266	232	274	394	442	436	489	20	22	500			
	250	12/3	500	6/1,5	051/52	3m	2m	40/25/240	0,55/0,12	33	266	232	274	394	442	436	489	20	22	500			
	250	18/4,5	500	9/2,25	051/55	3m	2m	60/25/240	0,9/0,2	33	266	232	274	394	442	436	489	20	22	500			
	500	8	1000	4	030/52	1Bm	1Bm	40/240	0,7	18	212	192	220	359	407	415	463	20	22	1000			
7,2 x 21	500	10	1000	5	070/51	2m	1Bm	60/240	1,1	36	266	232	274	404	505	460	561	22	28	1000	N 66-135 S1 137-215 S2 220-300	5/20 16 25	0,04/0,18 0,12 0,12
	500	8,2	1000	4/1	071/54	2m	2m	60/25/240	0,9/0,2	42	266	232	274	404	505	460	561	22	28	1000			
	500	10/2,5	1000	5/1,25	071/53	2m	2m	60/25/240	0,9/0,2	42	266	232	274	404	505	460	561	22	28	1000			
	800	8	1600	4	070/54	2m	3m	60/240	1,1	36	266	232	274	404	505	460	561	22	28	2000			
	1000	6	2000	3	070/55	2m	2m	40/240	1,1	36	266	232	274	404	505	460	561	22	28	2000			
	1000	10	2000	5	070/53	1Am	1Bm	60/240	1,1	42	266	232	274	404	505	460	561	22	28	2000			
	1000	6/1,5	2000	5,1/0,75	071/55	2m	2m	60/25/240	1,1/0,2	42	266	232	274	404	505	460	561	22	28	2000			
	1250	8	2500	4	070/56	1Bm	1Bm	60/240	1,1	42	266	232	274	420	521	478	579	22	28	3200			
	1250	8,2	2500	4/1	071/56	1Bm	1Bm	40/25/150	1,1	48	266	232	354	420	521	478	579	22	28	3200	N 82-155 S1 137-215 S2 220-300	5/20 16 25	0,04/0,18 0,12 0,12
9 x 27	1000	8	2000	4	090/54	3m	3m	60/240	2,2	69	359	283	359	488	596	548	655	28	30	2000			
	1000	10	2000	5	090/52	3m	3m	60/25/240	3,0	69	359	283	359	488	596	548	655	28	30	2000			
	1000	8,2	2000	4,1	091/51	3m	3m	60/25/240	1,8/0,45	67	359	283	359	488	596	548	655	28	30	2000			
	1000	10/2,5	2000	5/2,5	091/52	3m	3m	60/240	1,8/0,45	67	359	283	359	488	596	548	655	28	30	2000			
	1600	8	3200	4	090/55	2m	2m	40/240	2,2	69	359	283	359	488	596	548	655	28	30	3200			
	1600	8,2	3200	4/1	091/55	2m	2m	60/240	3,0/0,75	88	359	283	359	488	596	548	655	28	30	3200			
	1600	10/2,5	3200	5/1,25	091/56	2m	2m	60/25/240	3,0/0,75	88	359	283	359	488	596	548	655	28	30	3200			
	1600	12/3	3200	6/1,5	091/58	2m	1Bm	60/240	4,4/1,1	103	359	338	406	488	596	548	655	28	30	3200			
	1600	16/4	3200	8/2	091/57	1Am	1Bm	40/25/150	4,4/1,1	103	359	338	406	488	596	548	655	28	30	3200			
11,3 x 31	2500	10	5000	5	110/52	2m	2m	60/240	4	90	359	291	367	611	740	678	807	30	42	5000	N 90-155 S1 160-226 S2 240-310	4/16	0,06/0,25
	2500	10/2,5	5000	5/1,25	111/52	2m	2m	40/25/150	4,4/1,1	118	359	291	410	611	740	678	807	30	42	5000			
	3200	8	6300	4	110/54	1Bm	1Bm	60/240	4,0	90	359	291	367	611	740	678	807	30	42	6300			
	3200	8/2	6300	4/1	111/54	1Bm	1Bm	25/25/150	4,4/1,1	118	359	291	410	611	740	678	807	30	42	6300			

ELECTRIC CHAIN HOIST LIFTKET

POWER LIFTKET Q=4000 - 25000kg U=400V

ELECTRIC CHAIN HOIST LIFTKET

POWER LIFTKET Q=125 - 2000kg U=230V

POWER LIFTKET Q=4000 - 25000kg U=400V

TYPE 13/00X and 15/00Y

Chain dimension EN 818-7 T[mm]	Single sling lifting capacity	Lifting speed for 50 Hz [m/s]	Double sling lifting capacity	Lifting speed	Hoist type	Duty group FEM 9.511	Chain duty FEM 9.511	Number of switch on's per opur [%]/ h [S/h]	Lifting drive power for 50 Hz [kW]	Electric hoist weight single sling no chain	A [mm]	B [mm]	C [mm]	G single sling [mm]	G double sling	G2 single sling [mm]	G2 double sling [mm]	J single sling [mm]	J double sling [mm]	Trolley type	F Travelling beam range [mm]	Driving speed for 50Hz	Driving motor power for 50Hz [kW]
16 x 45	4000	5,6/1,4	8000	2,8/0,7	B1300X	2m	2m	60/40/240	6,0/1,3	224	567	183	434	823	916	901	994	42	50	12500	N 140-230 S1 220-310	16/4	0,55/0,12
	5000	5,6/1,4	10000	2,8/0,7	B1300X	1Am	1Am	60/40/180	6,0/1,3	224	567	183	434	823	916	901	994	42	50	12500			
	6300	5,6/1,4	12500	2,8/0,7	B1300X	1Bm	1Bm	60/40/150	6,4/1,6	224	567	183	434	823	916	901	944	42	50	12500			
17,3 x 48	7500	4,4/1,1	15000	2,2/0,6	B1300Y	1Bm	1Bm	60/40/150	6,4/1,6	224	567	183	434	823	916	901	944	42	50	15000			

POWER LIFTKET Q=4000 - 25000kg

TYPE STAR 235/50

Chain dimension EN 818-7 T[mm]	Single sling lifting capacity	Lifting speed for 50 Hz [m/s]	Double sling lifting capacity	Lifting speed	Hoist type	Duty group FEM 9.511	Chain duty FEM 9.511	Number of switch on's per opur [%]/ h [S/h]	Lifting drive power for 50 Hz [kW]	Electric hoist weight single sling no chain	A [mm]	B [mm]	C [mm]	G single sling [mm]	G double sling	G2 single sling [mm]	G2 double sling [mm]	J single sling [mm]	J double sling [mm]	Trolley type	F Travelling beam range [mm]	Driving speed for 50Hz	Driving motor power for 50Hz [kW]
23,5 x 66	8000	6,4/1,6	16000	3,2/0,8	235/50	2m	2m	25/10/240	12,5/3,1	517	700	423	556	1174	1456	1266	1703	50	67	2x12500	N 140-230 S1 220-310	16/4	2x 0,55/0,12
	10000	6,4/1,6	20000	3,2/0,8	235/50	1Am	1Am	25/10/180	12,5/3,1	517	700	423	556	1174	1456	1266	1703	50	67	2x12500			
	12500	6,4/1,6	25000	3,2/0,8	253/50	1Bm	1Bm	25/10/150	12,5/3,1	517	700	423	556	1174	1456	1266	1703	50	67	2x12500			

STAR LIFTKET Q=125 - 2000kg U=230V

TYPE STAR 230 V

Chain dimension EN 818-7 T[mm]	Single sling lifting capacity	Lifting speed for 50 Hz [m/s]	Double sling lifting capacity	Lifting speed	Hoist type	Duty group FEM 9.511	Chain duty FEM 9.511	Number of switch on's per opur [%]/ h [S/h]	Lifting drive power for 50 Hz [kW]	Electric hoist weight single sling no chain	A [mm]	B [mm]	C [mm]	G single sling [mm]	G double sling	G2 single sling [mm]	G2 double sling [mm]	J single sling [mm]	J double sling [mm]	Trolley type	F Travelling beam range [mm]	Driving speed for 50Hz	Driving motor power for 50Hz [kW]
4x12	250	8	500	4	020/01	2m	1Bm	40/240	0,35	17	212	192	220	359	407	406	454	20	22	500	N 50-106 S1 110-200 S2 210-300		
5,2x15	125	24	250	12	050/01	3m	2m	40/240	0,55	33	266	232	274	394	442	436	489	20	22	500			
	500	8	1000	4	050/02	1Am	1Bm	40/240	0,7	33	266	232	274	394	442	449	497	20	22	1000	N 66-135 S1 137-215 S2 220-300		
7,2x21	500	10	1000	5	070/02	2m	2m	40/240	1,1	36	266	232	274	404	505	460	561	22	28	1000			
	1000	6	2000	3	070/01	1Am	1Bm	40/240	1,1	36	266	232	274	404	505	460	561	22	28	2000			

ELECTRIC WIRE ROPE HOIST SWF

SWF

ELECTRIC CHAIN HOIST SWF

ELECTRIC CHAIN HOIST SWF

available for cranes or as an independent device on traveling rails
wide range of lifting capacities and hights
compact desing maximazing working space,minimazing dead zone

drive motor powered thru frequency coverter in standard
2-speed lifting drive

skb2

skalpha 2

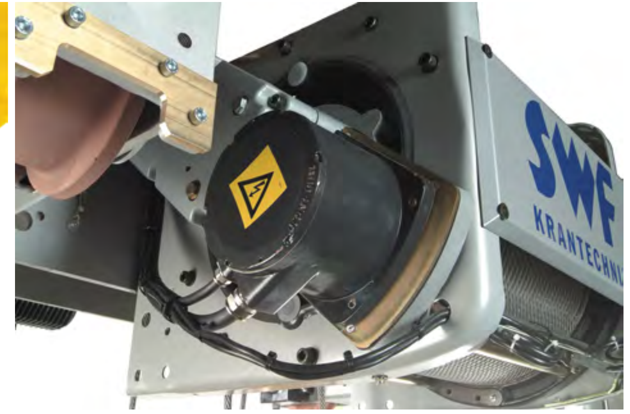
sk_fnu

skb1

skalpha

skc1

ELECTRIC HOIST



ELECTRIC WIRE ROPE HOIST SWF

SWF

ELECTRIC HOIST Ex PROOF

ELECTRIC HOIST Ex PROOF SWF

applied components based on newest available technologies of frequency converters for crane and trolley drives

ttechnology allows safe moving of loads while minimazin crane usage

Ex PROOF components available for followin zones:

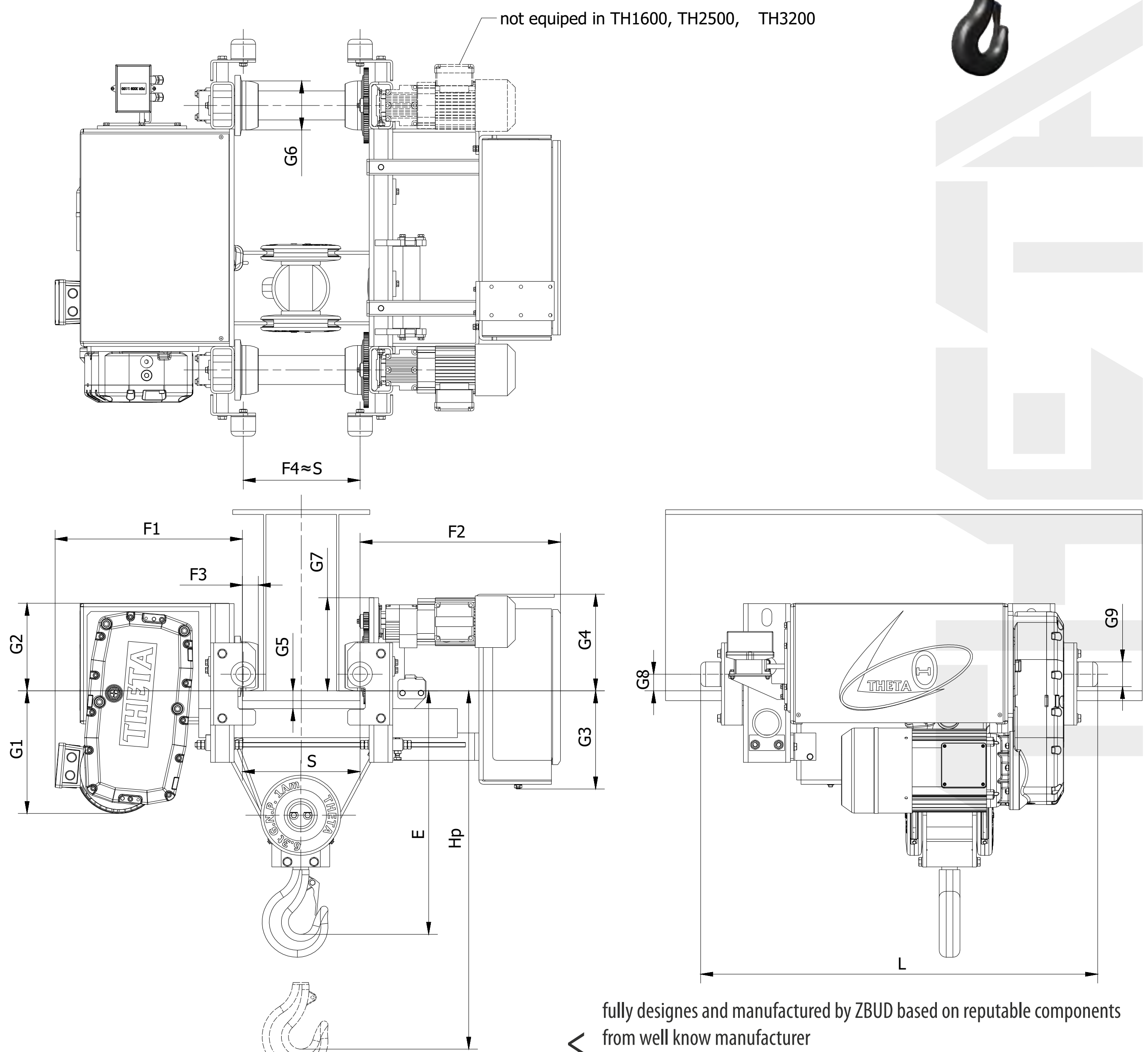
- ATEX II2G EEx cde IIB T4, zone 1
- ATEX II2G EEx cde IIC T4, zone 1
- ATEX II3G EEx nA II T3, zone2
- ATEX II2D EEx cde IIB T4 IP65, zone 21
- ATEX II3D Ip55 135 st.C , zone 22

Crane components meet requiements of ATEX 94/09/WE,FEM regulation and EU safety norms (EN).

SWF

ELECTRIC WIRE ROPE HOIST THETA ZBUD

ELECTRIC WIRE ROPE
THETA ZBUD



WIRE ROPE ELECTRIC THETA

- fully designes and manufactured by ZBUD based on reputable components from well know manufacturer
- highest quality components guarantee long lasting , trouble free exploatation
- equiped with silent , efficiently cooled engine with low vibration level
- easy maintenence, easy accesable spare parts
- available for cranes or as an independent device on traveling rails
- wide range of lifting capacities and hights
- drive motorpowered thru frequency converter in standard
- 2 speed lifting drive
- variable options available also for double girder cranes
- steering from a push button pendant or wireless radio control
- compact design maximazing working space minimazing dead zones for traveling and lifting

ELECTRIC WIRE ROPE HOIST THETA ZBUD

ELECTRIC WIRE ROPE
THETA ZBUD

Specification and dimensions
Theta ZBUD

HOIST SYMBOL	capacity [kg]	lifting height [m]	lifting speed [m/min]	duty group FEM	number of sling	power [kW]	wire rope diameter [mm]	weight [kg]	DIMENSION													
									E*	L	G1	G2	G3	G4	G5	G6	G7	G8	G9	F1	F2	F3
TH1600.12.D.2m	1600	12	8 / 1,3	2m	2	2,75	6,4	199	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.12.E.2m	1600	12	10 / 1,6	2m	2	3,45	6,4	201	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.12.F.2m	1600	12	12,6 / 2	2m	2	4,25	6,4	207	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.12.G.2m	1600	12	16 / 2,6	2m	2	4,25	6,4	207	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.18.D.2m	1600	18	8 / 1,3	2m	2	2,75	6,4	209	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.18.E.2m	1600	18	10 / 1,6	2m	2	3,45	6,4	211	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.18.F.2m	1600	18	12,6 / 2	2m	2	4,25	6,4	217	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH1600.18.G.2m	1600	18	16 / 2,6	2m	2	4,25	6,4	217	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH2500.6.D.2m	2500	6	8 / 1,3	2m	4	4,25	6,4	222	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH2500.9.D.2m	2500	9	8 / 1,3	2m	4	4,25	6,4	232	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.6.A.2m	3200	6	4 / 0,7	2m	4	2,75	6,4	214	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.6.B.2m	3200	6	5 / 0,8	2m	4	3,45	6,4	216	460	860	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.6.C.2m	3200	6	6,3 / 1	2m	4	4,25	6,4	222	60	860	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.9.A.2m	3200	9	4 / 0,7	2m	4	2,75	6,4	224	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.9.B.2m	3200	9	5 / 0,8	2m	4	3,45	6,4	226	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH3200.9.C.2m	3200	9	6,3 / 1	2m	4	4,25	6,4	232	460	1070	250	175	280	185	40	80	180	30	50	450	405	28
TH5000.6.A.2m	5000	6	4 / 0,7	2m	4	5,26	8	370	570	1013	313	224	250	247	45	125	240	43	63	478	511	40
TH5000.6.B.2m	5000	6	5 / 0,8	2m	4	6,46	8	379	570	1013	313	224	250	247	45	125	240	43	63	478	511	40
TH5000.6.C.2m	5000	6	6,3 / 1	2m	4	8,06	8	422	570	1013	338	224	250	247	45	125	240	43	63	516	511	40
TH5000.6.D.2m	5000	6	8 / 1,3	2m	4	10,16	8	430	570	1013	338	224	250	247	45	125	240	43	63	516	511	40
TH5000.9.A.2m	5000	9	4 / 0,7	2m	4	5,26	8	385	570	1223	313	224	250	247	45	125	240	43	63	478	511	40
TH5000.9.B.2m	5000	9	5 / 0,8	2m	4	6,46	8	394	570	1223	313	224	250	247	45	125	240	43	63	478	511	40
TH5000.9.C.2m	5000	9	6,3 / 1	2m	4	8,06	8	437	570	1223	338	224	250	247	45	125	240	43	63	516	511	40
TH5000.9.D.2m	5000	9	8 / 1,3	2m	4	10,16	8	445	570	1223	338	224	250	247	45	125	240	43	63	516	511	40
TH6300.6.A.1Am	6300	6	4 / 0,7	1Am	4	5,26	8	370	570	1013	313	224	250	247	45	125	240	43	63	478	511	40
TH6300.6.B.1Am	6300	6	5 / 0,8	1Am	4	6,46	8	379	570	1013	313	224	250	247	45	125	240	43	63	478	511	40
TH6300.6.C.1Am	6300	6	6,3 / 1	1Am	4	8,06	8	422	570	1013	338	224	250	247	45	125	240	43	63	516	511	40
TH6300.6.D.1Am	6300	6	8 / 1,3	1Am	4	10,16	8	430	570	1013	338	224	250	247	45	125	240	43	63	516	511	40
TH6300.6.A.3m	6300	6	4 / 0,7	3m	4	8,34	11	680	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.6.B.3m	6300	6	5 / 0,8	3m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.6.C.3m	6300	6	6,3 / 1	3m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.6.D.2m	6300	6	8 / 1,3	2m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.9.A.1Am	6300	9	4 / 0,7	1Am	4	5,26	8	385	570	1223	313	224	250	247	45	125	240	43	63	478	511	40
TH6300.9.B.1Am	6300	9	5 / 0,8	1Am	4	6,46	8	394	570	1223	313	224	250	247	45	125	240	43	63	478	511	40
TH6300.9.C.1Am	6300	9	6,3 / 1	1Am	4	8,06	8	437	570	1223	338	224	250	247	45	125	240	43	63	516	511	40
TH6300.9.D.1Am	6300	9	8 / 1,3	1Am	4	10,16	8	445	570	1223	338	224	250	247	45	125	240	43	63	516	511	40
TH6300.9.A.3m	6300	9	4 / 0,7	3m	4	8,34	11	704	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.9.B.3m	6300	9	5 / 0,8	3m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.9.C.3m	6300	9	6,3 / 1	3m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH6300.9.D.2m	6300	9	8 / 1,3	2m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.6.A.3m	8000	6	4 / 0,7	3m	4	8,34	11	680	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.6.B.3m	8000	6	5 / 0,8	3m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.6.C.2m	8000	6	6,3 / 1	2m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.6.D.1Am	8000	6	8 / 1,3	1Am	4	13,24	11	695	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.9.A.3m	8000	9	4 / 0,7	3m	4	8,34	11	704	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.9.B.3m	8000	9	5 / 0,8	3m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.9.C.2m	8000	9	6,3 / 1	2m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH8000.9.D.1Am	8000	9	8 / 1,3	1Am	4	13,24	11	719	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.6.A.2m	10000	6	4 / 0,7	2m	4	8,34	11	680	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.6.B.2m	10000	6	5 / 0,8	2m	4	10,24	11	685	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.6.C.1Am	10000	6	6,3 / 1	1Am	4	13,24	11	695	700	1078	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.9.A.2m	10000	9	4 / 0,7	2m	4	8,34	11	704	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.9.B.2m	10000	9	5 / 0,8	2m	4	10,24	11	709	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH10000.9.C.1Am	10000	9	6,3 / 1	1Am	4	13,24	11	719	700	1273	375	272	282	305	55	125	240	43	63	573	625	40
TH12500.6.A.1Am	12500	6	4 / 0,7	1Am	4	10,24	11	685	700	1078	375	272	282	305	55	150	240	43	63	573	625	40
TH12500.6.B.1Am	12500	6	5 / 0,8	1Am	4	13,24	11	705	700	1078	375	272	282	305	55	150	240	43	63	573	625	40
TH12500.9.A.1Am	12500	9	4 / 0,7	1Am	4	10,24	11	720	700	1273	375	272	282	305	55	150	240	43	63	573	625	40
TH12500.9.B.1Am	12500	9	5 / 0,8	1Am	4	13,24	11	730	700	1273	375	272	282	305	55	150	240	43	63	573	625	40

*dimension E for traveling beam S=100-200 mm.

More indetail information available on the webside

WIRE ROPE HOIST

WIRE ROPE HOIST SWF

NOVA_F SWF

- stationar hoist,available mountingon structure or suspended
- wide range of lifting capacities and hight
- lifting drive with 2 - speed motors or fluent regulation available
- compact design maximazing working space
- steering from a push button pendent or wireless radio control
- variable options available also for double girder cranes (suspended on existing trolleys)

NOVA_F (STATIONAR)

NOVA_L SWF

- available for cranes or as an independent device on traveling rails
- wide range of lifting capacities and hights
- lifting drive with 2 - speed motors or fluent regulation available
- variable options available also for double girder cranes (suspended on existing trolleys)
- steering from a push button pendent or wireless radio control
- drive motor powered thru frequency converter in standard
- compact design maximazing working space , minimazing dead zones for traveling and lifting

NOVA_L (TRAVELING , LOW HEADROOM)

NOVA_N SWF

- available for cranes or as an independent device on traveling rails
- wide range of lifting capacities and hights
- steering from a push button pendent or wireless radio control
- drive motor powered thru frequency converter in standard
- lifting drive with 2 - speed motors or fluent regulation available

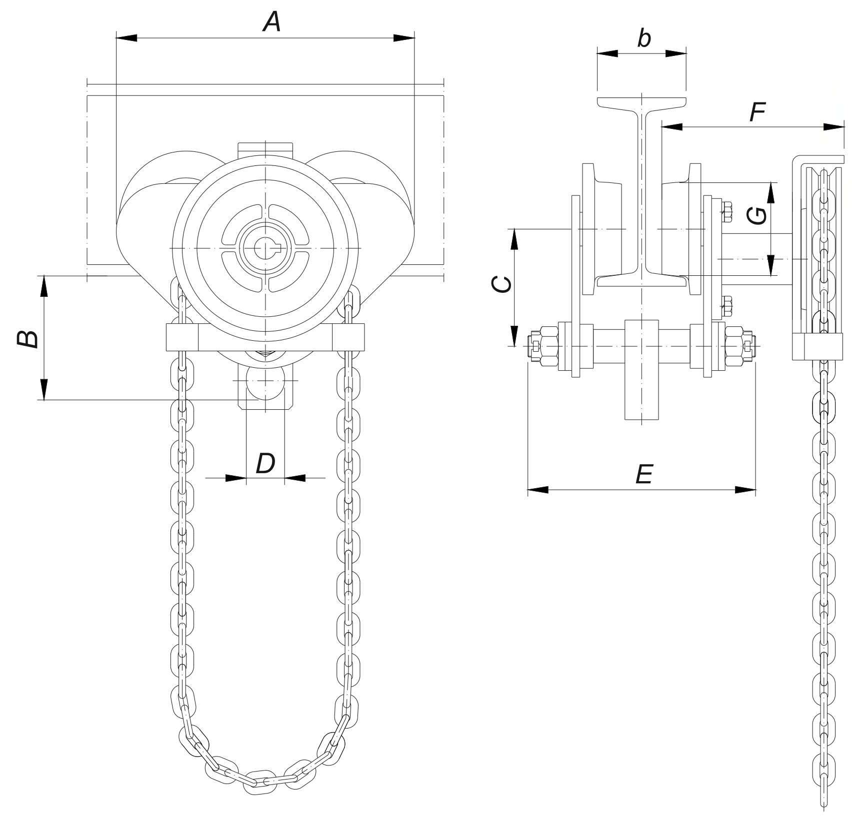
NOVA_N (TRAVELING)

NOVA_M SWF

- available for cranes or as an independent device on traveling rails
- wide range of lifting capacities and hights
- lifting drive with 2 - speed motors or fluent regulation available
- variable options available also for double girder cranes
- steering from a push button pendent or wireless radio control
- compact design maximazing working space , minimazing dead zones for traveling and lifting
- drive motor powered thru frequency converter in standard

NOVA_M (DOUBLE GIRDER)

TROLLEYS



SPECIFICATION

TROLLEY TYPE		WS-05	WS-10	WS-15	WS-25	WS-32
Loading capacity [T]	[t]	0,5	1,0	1,5	2,5	3,2
Traveling rail range	[mm]	50-90	66-106	66-106	98-143	110-170
Minimum rail radius	[m]	0,9	1,3	1,3	1,5	1,6
Weight for Hm=3,0	[kg]	5	15	15	27	32

DIMENSIONS

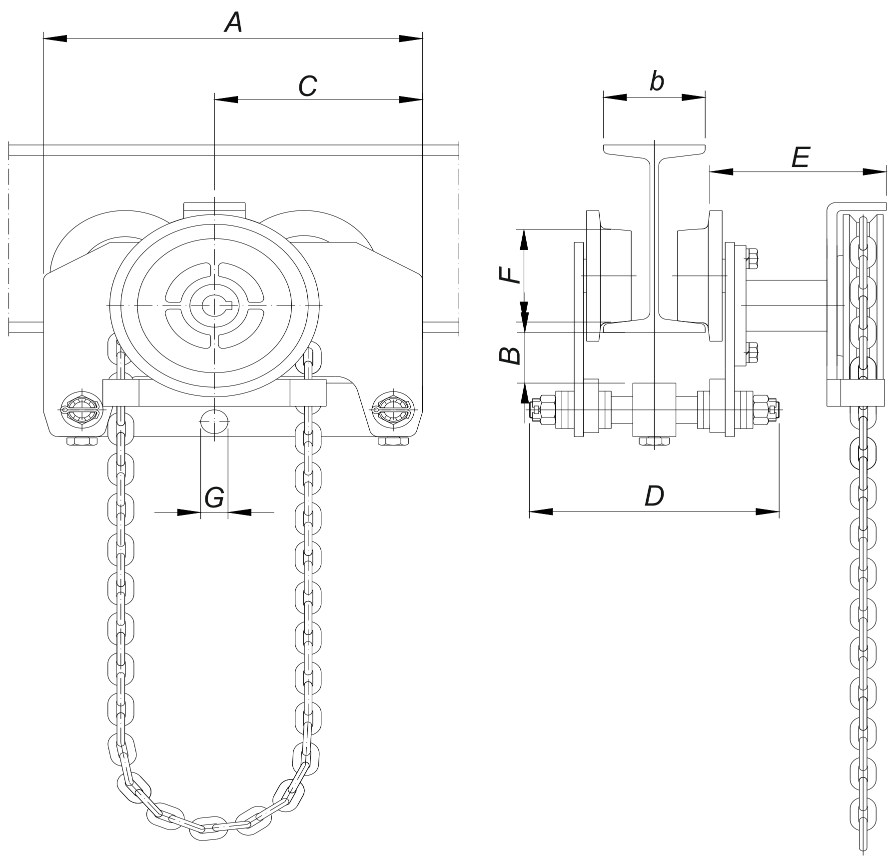
	WS-05	WS-10	WS-15	WS-25	WS-32
A	200	245	245	296	308
B	80	108	108	135	135
C	77	95	95	130	135
D	28	30	30	36	36
E	152	194	194	262	299
F	-	118	118	126	154
G	70	80	80	96	106

- dedicated for suspending any hoist equiped with mounting hook
- adaptable to travel on straight and slanted double T bars
- adjustable driving wheels track
- compact design
- driving wheels on bearings
- powder caoting , galvanized chain
- able to travel on stright and curved rails

RAIL TROLLEYS TYPE WS

Examplery request: Traveling trolley WS-15 b=113;Hm=6m
b=beam width,Hm-steering chain lenght

TROLLEYS



SPECIFICATION

TROLLEY TYPE		WS-05	WS-10	WS-15	WS-25	WS-32	WS-50	WS-80	WS-100
Loading capacity [T]	[t]	0,5	1,0	1,5	2,5	3,2	5,0	8,0	10,0
Traveling rail range	[mm]	50-90	60-106	66-106	98-143	106-170	106-170	143-200	143-200
Minimum rail radius	[m]	1,0	1,3	1,3	1,5	1,6	2,0	2,0	2,0
Weight for Hm=3,0	[kg]	13	22	22	32	40	62	113	113

DIMENSIONS

A	246	285	285	360	365	450	545	545
B	45	42	42	42	34	40	46	46
C	135	164	164	212	217	274	320	320
D	158	204	204	255	282	326	365	365
E	98	118	118	126	130	160	170	170
F	70	80	80	96	106	120	160	160
G	22	25	25	25	30	40	48	48

RAIL TROLLEYS TYPE WSP

- dedicated for suspending any hoist thru conection bar
- adaptable to travel on straight and slanted double T bars
- able to travel on stright and curved rails
- adjustable driving wheels track
- compact design
- driving wheels on bearings
- powder caoting , galvanized chain

Examplery request: Traveling trolley WS-15 b=113;Hm=6m
b=beam width,Hm-steering chain lenght

WINCHES

ELECTRIC WINCH FOR PULLING AND LIFTING TYPE WEL

ELECTRIC WINCH WEL

- up to 10t capacity
- compact design
- fastening udjustable to existing structures
- available with power inverter drive
- wide range of lifting capacity/lenght configuration
- on request delivered with directional rings

ELECTRIC WINCH FOR PULLING TYPE WEP

ELECTRIC WINCH FOR PULLING AND LIFTING TYPE WEL

SPECIFICATION

TROLLEY TYPE		WS-05	WS-10	WS-15	WS-25	WS-32
Loading capacity [T]	[t]	0,5	1,0	1,5	2,5	3,2
Traveling rail range	[mm]	50-90	66-106	66-106	98-143	110-170
Minimum rail radius	[m]	0,9	1,3	1,3	1,5	1,6
Weight for Hm=3,0	[kg]	5	15	15	27	32

DIMENSIONS

A	200	245	245	296	308
B	80	108	108	135	135
C	77	95	95	130	135
D	28	30	30	36	36
E	152	194	194	262	299
F	-	118	118	126	154
G	70	80	80	96	106

Examplery request: Traveling trolley WS-15 b=113;Hm=6m
b=beam width,Hm-steering chain lenght