

HOISTS / SCALE



Universal wire rope hoists/electric wire rope winch

Universal rope hoists, USZ series –

for lifting, pulling and lashing work with a tensile load of up to 3.2 tonnes

- ▶ Low dead weight due to aluminium alloy housing
- ▶ Virtually maintenance-free
- ▶ Can be used horizontally and vertically



Scope of delivery:
 > Hand lever
 > 20 m wire cable with tip and hook on reel

Model	USZ 801	USZ 1601	USZ 3201
Art. no.	6171608	6171616	6171632
Technical data			
Load capacity	0.8 t	1.6 t	3.2 t
Lever length	160 mm	200 mm	200 mm
Leverage force at nominal load	383 N	400 N	441 N
Cable diameter	8.3 mm	11 mm	16 mm
Rope length	20 m	20 m	20 m
Dimensions (L x W x H) approx.	430 x 101 x 240 mm	556 x 120 x 270 mm	666 x 150 x 320 mm
Weight approx.	14 kg	26.5 kg	46.5 kg

Electric wire rope winch, series ESW –

For vehicle use, e.g. for pulling in machines over a ramp into a van

- ▶ Compact and robust
- ▶ Adjustable slip clutch for protection of the winch against overload
- ▶ Operation by hand crank or via wired remote control



Scope of delivery ESW 901:
 > Lifting hook with pulley
 > Hand crank
 > Mounting plate
 > Power cable with battery terminals 4.5m
 > Remote control with 3 m cable

Model	ESW 901	ESW 1360
Art. no.	6199090	6199136
Technical data		
Load capacity	900 kg	1360 kg
Rope length	9 m	9 m
Lifting speeds	1.82 m/min	1.22 m/min
Cable diameter	5.1 mm	5.6 mm
Cable length control unit	3 m	3 m
Current voltage	12 V DC	12 V DC
Power	300 W	480 W
Protection class	IP 54	IP 54
Dimensions (L x W x H) approx.	260 x 260 x 202 mm	270 x 290 x 205 mm
Weight approx.	11 kg	15 kg



Scope of delivery ESW 1360:
 > Hand crank
 > Mounting plate
 > Power cable with battery terminals 4.5m
 > Remote control with 3 m cable

Electric cable winches/wall-mounted swivel arms

Electric wire rope winch, series ESW - with max. 30 m lifting height

- ▶ Cable guide pulley supports the winding of the cable
- ▶ New bearing increases the service life of the motor
- ▶ With quick-release coupling for immediate use without time-consuming assembly
- ▶ A idler pulley doubles the lifting force

Model	ESW 500	ESW 800
Art. no.	6199500	6199800
Technical data		
Lifting force with/without pulley	250/500 kg	400/800 kg
Max. stroke without/with idler pulley	30/15 m	30/15 m
Lifting speed without idler pulley	8 m/min	8 m/min
Lifting speed with idler pulley	4 m/min	4 m/min
Cable diameter	4 mm	5 mm
Cable length control unit	5 m	5 m
Motor power	1 kW 230 V/~50 Hz	1.3 kW 230 V/~50 Hz
Dimensions (L x W x H) approx.	310 x 330 x 440 mm	310 x 330 x 440 mm
Total weight approx.	30 kg	32 kg



Wall-mounted swivel arm series WSA-2

- ▶ Suitable for electric wire rope hoists from the MES series, among others
- ▶ For attaching to round rods or tubes

Model	WSA 300-1100-2	WSA 600-750-2	WSA 1000-750-2
Art. no.	6198605	6198606	6198607
Technical data			
Max. load capacity	300 kg	600 kg	1000 kg
Spindle - column distance	1100 mm	750 mm	750 mm
Total weight	8.4 kg	6.1 kg	9.3 kg
Distance from upper to lower attachment point	450 mm	380 mm	380 mm
For models	MES 250-2/600-2	MES 250-2/600-2	MES 999-2



- ▶ Vertical bar not included in the scope of delivery! (required pipe diameter 48 mm)

MES H series - Mini electric wire cable hoists

- ▶ Integrated transport handle for mobile use
- ▶ Pulley with load hook
- ▶ Two double clamps for easy installation
- ▶ Control unit insulated to IP 54
- ▶ Limit switch for immediate switch-off in the upper and lower end positions

Model	MES 250-2 H	MES 600-2 H	MES 1000-2 H
Art. no.	6198325	6198360	6198399
Technical data			
Lifting force with/without pulley	125 / 250 kg	300 / 600 kg	500 / 999 kg
Motor power ~50 Hz	500 W / 230 V	1050 W / 230 V	1600 W / 230 V
Lifting with/without idler pulley	12 / 6 m	12 / 6 m	12 / 6 m
Max. lifting speed without/with idler pulley	8 / 4 m/min	8 / 4 m/min	8 / 4 m/min
Cable diameter	3 mm	4.5 mm	6 mm
Internal dimensions of fixing clamps	46 x 46 mm	46 x 46 mm	60 x 60 mm
Dimensions (L x W x H) approx.	400 x 140 x 200 mm	445 x 154 x 220 mm	536 x 187 x 260 mm
Weight approx.	11 kg	17.5 kg	33 kg



Quick-release fasteners for MES

Model	MES 250-2	MES 600-2	MES 999-2	Art. no.
Quick-release clamps, round	X			6198615
Quick-release clamps, round		X		6198616
Quick-release clamps, round			X	6198617
Quick-release clamps, square	X			6198620
Quick-release clamps, square		X		6198621
Quick-release clamps, square			X	6198622



Quick-release clamps, round

Quick-release clamps, square

Lever hoists/chain hoists

Barrel lifting clamp FHK 1 - for the safe transport of steel barrels with beading

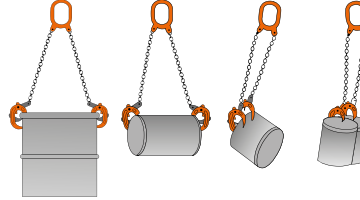
- Suitable for picking up standing and lying barrels and for righting a lying barrel

Model		FHK 1
Art. no.		6172010

Technical data		
Load capacity	t	1
Gripping range	mm	0 – 25
Eyelet inside width/height	mm	62 / 85
Distance from eyelet suspension / gripping point	mm	690
Lifting clamp length	mm	120
Chain nominal thickness	mm	6
Weight approx.	kg	3.6

Sturdy chain construction with gripping hook for picking up drums

Application examples:



Chain hoists K - Manual version for lifting loads

- Robust sheet steel housing
- Closed safety design
- Easy to operate with little effort
- Swivelling load and suspension hook

Model		K 1000	K 2000	K 3000	K 5000	K 10000
Art. no.		6202101	6202102	6202103	6202105	6202110

Technical data						
Load capacity	t	1	2	3	5	10
Stroke	mm	2500	2500	3000	3000	3000
Distance hook to hook min.	mm	300	380	470	600	730
Lifting force	N	330	330	390	420	450
Number of chain strands		1	2	2	2	4
Weight approx.	kg	9.4	12.4	21.7	35	65



K 1000

Chain hoists K - Manual version for lifting loads

- Increased efficiency and reduced friction losses thanks to hardened gears and pinions on roller bearings
- Drop-forged, swivelling load and suspension hooks with safety catch
- Load chain according to DIN ISO 3077
- High-strength, painted steel housing



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Model		K 1001	K 2001	K 3001	K 5001	K 10001
Art. no.		6171001	6171002	6171003	6171005	6171010

Technical data						
Load capacity	t	1	2	3	5	10
Stroke	m	3	3	3	3	3
Manual force at nominal load	N	320	365	385	435	435
Number of chain strands		1	1	2	3	3
Dimensions (L x W x H) approx.	mm	162 x 147 x 317	194 x 170 x 414	220 x 170 x 465	288 x 190 x 636	384 x 190 x 798
Weight approx.	kg	10.8	18	24.3	38.7	78



K 1001

Aluminium lever hoists HZ AL – extremely light and compact, for lifting, pulling, straightening and tensioning in all directions

- ▶ Reliable and safe braking system
- ▶ Brake and drive shaft with involute splines
- ▶ Equipped with finely toothed gearbox, therefore only low hand lever force required
- ▶ High-quality, galvanised and hardened load chain in accordance with EN 818-7
- ▶ Chain freewheel for quick pulling through and positioning of the unloaded chain
- ▶ Chain stroke length of 1.5 m; Easy and quick to adjust to the desired working position
- ▶ Aluminium housing, extremely light and compact
- ▶ Compact design with short lever
- ▶ Easy maintenance and installation

Model		HZ 250 AL	HZ 500 AL
Art. no.		6171103	6171105
Technical data			
Load capacity	t	0.25	0.5
Stroke	m	1.5	1.5
Manual force at nominal load	N	206	255
Lever length	mm	163	163
Minimum distance from suspension to load hook	mm	230	265
Inner diameter of load hook	mm	34	34
Dimensions (L x W x H) approx.	mm	94.5 x 84 x 230	100 x 99 x 265
Weight approx.	kg	2	3

Scope of delivery:
▶ practical bag for storage and transport



HZ lever hoists – For lifting and pulling loads

- ▶ Fast attachment of the load or pulling of the load chain in both directions thanks to chain freewheel control
- ▶ Safe load holding thanks to load pressure brake with asbestos-free brake discs
- ▶ Drop-forged, swivelling load and suspension hooks with safety catch
- ▶ Load chain according to DIN ISO 3077
- ▶ High-strength, painted steel housing
- ▶ Matching reel and roller trolleys available from Unicraft

Model		HZ 751	HZ 1501	HZ 3001
Art. no.		6171175	6171115	6171130
Technical data				
Load capacity	t	0.75	1.5	3
Stroke	m	1.5	1.5	1.5
Lever length	mm	290	420	420
Manual force at nominal load	N	140	220	320
Number of chain strands		1	1	1
Dimensions (L x W x H) approx.	mm	135 x 148 x 320	162 x 176 x	211 x 195 x 480
Weight approx.	kg	6.3	11	18.7



HZ lever hoists – For lifting and pulling loads

- ▶ Fast attachment of the load or pulling of the load chain in both directions thanks to chain freewheel control
- ▶ Safe load holding thanks to load pressure brake with asbestos-free brake discs
- ▶ Drop-forged, swivelling load and suspension hooks with safety catch
- ▶ Load chain according to EN 818-7
- ▶ High-strength, painted steel housing
- ▶ Compact design with short lever
- ▶ Matching reel and roller trolleys from Unicraft available

Model		HZ 752	HZ 1502	HZ 3002
Art. no.		6171176	6171116	6171131
Technical data				
Load capacity	t	0.75	1.5	3
Stroke	m	1.5	1.5	1.5
Manual force at nominal load	N	147	295	304
Lever length	mm	250	270	430
Inner Ø of load hook		40	45	55
Dimensions (L x W x H) approx.	mm	160 x 133 x 320	182 x 157 x 380	207.5 x 210 x 490
Weight approx.	kg	7.1	10.8	23.3



Chassis/clamps

Chain hoist K AL – Manual aluminium chain hoist for lifting loads

- ▶ Closed housing made of high-strength aluminium with lower weight
- ▶ Rotating load and suspension hook made of alloy steel with safety lock
- ▶ Double pawl for safe and reliable operation
- ▶ Extremely firm end anchoring of the chain thanks to special precision casting



K 250 AL

Model		K 250 AL	K 500 AL
Art. no.		6171011	6171012
Load capacity	kg	250	500
Stroke	m	3	3
Manual force at nominal load	N	202	213
Dimensions (L x W x H) approx.	mm	100x59x260	118x64x320
Weight (net) approx.	kg	3.5	5.3

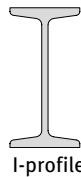
Winch with geared trolley, series HFW – with a load capacity of up to 5 tonnes

- ▶ No lateral movement on the spreader beam due to centric suspension of the pulley block
- ▶ Adjustment to the beam flange width is carried out by means of an eye traverse with mating thread
- ▶ Tilt protection as standard

Low overall height and compact design

For use on I-beams (DIN 1025-1)

Smooth running due to ball bearings



I-profile

HFW 1

Application example (application on the I-beam)



Model		HFW 0.5	HFW 1	HFW 2	HFW 3	HFW 5
Art. no.		6171800	6171801	6171802	6171803	6171805

Technical data			HFW 0.5	HFW 1	HFW 2	HFW 3	HFW 5
Load capacity	t		0.5	1	2	3	5
Chain length	m		3	3	3	3	3
Curve radius	m		0.5	0.7	0.9	1.2	1
Beam flange width	mm		55 - 220	58 - 220	66 - 220	74 - 220	90 - 220
Dimensions (L x W x H) approx.	mm		352.5 x 198 x 158	353.5 x 238 x 183	362 x 277 x 208	406.5 x 324 x 249	434.5 x 373 x 296.5
Weight approx.	kg		8.5	12.5	17	28	45

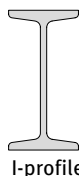
Roller trolleys series RFW – with a maximum load capacity of 5 tonnes

- ▶ No lateral movement on the spreader beam due to centric suspension of the pulley block
- ▶ Adjustment to the beam flange width is carried out by means of an eye traverse with mating thread
- ▶ Tilt protection as standard

Low overall height and compact design

For use on I-beams (DIN 1025-1)

Smooth running due to ball bearings



I-profile

RFW 1

Application example (application on the I-beam)



Model		RFW 0.5	RFW 1	RFW 2	RFW 3	RFW 5
Art. no.		6171700	6171701	6171702	6171703	6171705

Technical data			RFW 0.5	RFW 1	RFW 2	RFW 3	RFW 5
Load capacity	t		0.5	1	2	3	5
Curve radius	m		0.5	0.7	0.9	1.2	1
Beam flange width	mm		55-220	58-220	66-220	74-220	90-220
Dimensions (L x W x H) approx.	mm		285 x 198 x 158	300 x 238 x 183	300 x 277 x 208	328 x 324 x 249	354 x 373 x 296.5
Weight approx.	kg		5	8.8	14	23	40

SK series - screw terminals with swivel eye

- ▶ For lifting, transporting and aligning of sheet metal and steel beams
- ▶ Extremely durable, thanks to hardened steel
- ▶ Secure clamping due to large clamping surface - for a firm hold in every application



Model		SK 0.5-1	SK 1.5-1	SK 3-1
Art. no.		6172015	6172016	6172017

Technical data				
Load capacity	t	0.5	1.5	3
Gripping range	mm	0 – 28	0 – 32	0 – 50
Weight approx.	kg	0.8	4	6

SK series - screw terminals with double suspension

- ▶ Maximum flexibility thanks to dual suspension
- ▶ Extremely durable, thanks to hardened steel
- ▶ Spring-loaded clamping jaw with marking for maximum force during clamping



Model		SK 1-2	SK 2-2
Art. no.		6172020	6172021

Technical data			
Load capacity	t	1	2
Gripping range	mm	0 – 40	0 – 40
Weight approx.	kg	4.3	8.2

HKS series - Lifting clamps with swivel eyelet for lifting loads up to 5 tonnes

- ▶ For vertical lifting, 180° turning and lateral slinging of sheet metal, steel plates, beams and steel construction elements
- ▶ The minimum load is 20 % of the specified load capacity



HKS 1

Model		HKS 1	HKS 2	HKS 3	HKS 5
Art. no.		6172001	6172002	6172003	6172005

Technical data					
Load capacity	t	1	2	3	5
Gripping range	mm	0 – 20	0 – 25	0 – 30	0 – 50
Weight approx.	kg	5	8	15	23

TK series - Beam clamps with a load capacity of up to 5 tonnes

- ▶ Central spindle mechanism for easy attachment to the carrier with a firm, secure fit
- ▶ Suitable for holding lifting gear, idler pulleys and loads
- ▶ Flexible handling thanks to wide adjustment range
- ▶ For quick creation of an anchoring point



TK 1

Model		TK 1	TK 2	TK 3	TK 5
Art. no.		6171901	6171902	6171903	6171905

Technical data					
Load capacity	t	1	2	3	5
Beam flange width	mm	75 – 220	75 – 220	80 – 320	80 – 320
Flange thickness	mm	20	20	30	30
Weight approx.	kg	3.8	4.6	9	11

Electric chain hoists series EKZT-1 – for load capacities of up to 500 kg

- ▶ Extremely light thanks to aluminium housing
- ▶ Equipped with brushless electric motor
- ▶ Protection against surge, overheating and overload
- ▶ Double safety thanks to mechanical-electrical brake
- ▶ Suspension of the chain hoist using rotating support hooks

Model		EKZT 250-1	EKZT 500-1
Art. no.		6194525	6194550

Technical data			
Load capacity		250 kg	500 kg
Stroke		3 m	3 m
Max. lifting speed		3 m/min	4 m/min
Cable length control unit		6 m	6 m
Load chain dimensions		4.0 x 12 mm	5.0 x 15 mm
Output power ~ 50 Hz		320 W / 230 V	850 W / 230 V
Dimensions (L x W x H) approx.		350 x 200 x 380 mm	395 x 220 x 430 mm
Weight approx.		10.5 kg	13.5 kg



Electric chain hoists

Electric chain hoists series EKZT-1-

with one lifting speed and a maximum load capacity of up to 2 tonnes

- ▶ Suspension of the chain hoist using suspension hooks
- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Control of the chain hoist via operating cylinder
- ▶ Operating cylinder pre-equipped for connecting and controlling the appropriate UNICRAFT electric trolley (please note recommendation)

Drive unit FEM/ISO 2m/M5 corresponds to 1600 full-load service hours

Load chains type G80 according to DIN EN-818-7

Siemens electric

One lifting speed



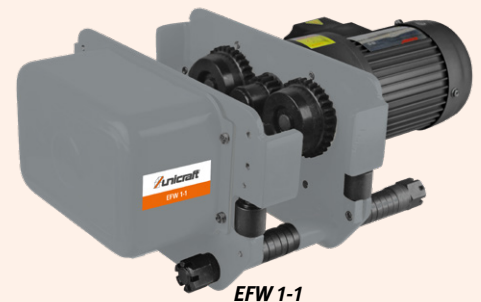
EKZT 5-1

Model		EKZT 5-1	EKZT 10-1	EKZT 20-1
Art. no.		6194005	6194010	6194020
Technical data				
Load capacity	t	0.5	1	2
Stroke	m	6	6	6
Lifting speed(s)	m/min	7.7	5.1	2.6
Cable length operating bottle	m	6	6	6
Number of chain strands		1	1	2
Input power ~50 Hz	kW/ V	1.2 / 400	1.4 / 400	1.4 / 400
Dimensions (L x W x H) approx.	mm	636 x 276 x 410	636 x 275 x 460	636 x 276 x 650
Weight approx.	kg	49	54.3	68.5
Matching electric trolley		EFW 1-1	EFW 1-1	EFW 2-1

Accessories for electric chain hoists

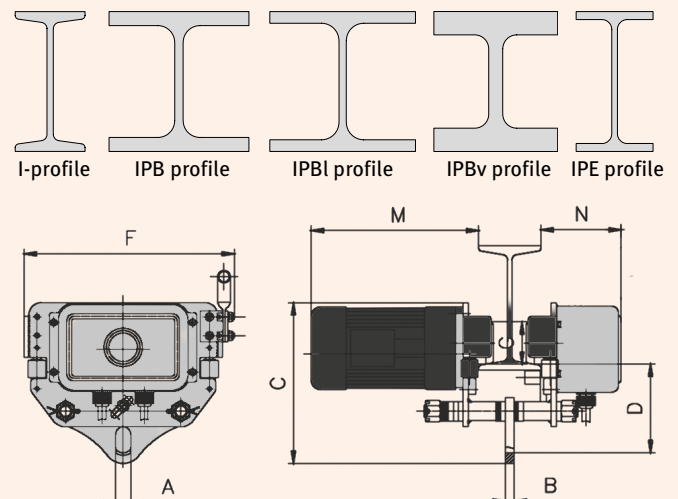
Electric trolleys series EFW-1 – with one driving speed and a maximum load capacity of up to 2 tonnes

- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, IPBI, IPBv and IPE and corresponding beam flange width
- ▶ **EFW 1-1**
▶ Suitable for electric chain hoists **EKZT 5-1** and **EKZT 10-1**
- ▶ **EFW 2-1**
▶ Suitable for electric chain hoist **EKZT 20-1**



EFW 1-1

Model		EFW 1-1	EFW 2-1
Art. no.		6194310	6194320
Technical data			
Load capacity	t	1	2
Beam flange width	mm	74 – 140	74 – 140
Wheel diameter	G mm	68	75
Travelling speed	m/min	13.5	13.5
Input power ~50 Hz	kW/V	0.4 / 400	0.6 / 400
Protection class		IP 54	IP 54
Width of the mounting eyelet	A mm	24	30
Mounting plate thickness	B mm	14	14
Distance between eyelet to contact surface	D mm	145	140
Overhang of motor	M mm	310	312
Overhang of switch box	N mm	135	135
Dimensions (L x W x H) approx.	mm	715 x 340 x 260	722 x 340 x 280
Weight approx.	kg	26	36



Electric chain hoists series EKZT-2 – with two lifting speeds and a maximum load capacity of up to 3 tonnes

- ▶ Suspension of the chain hoist using suspension hooks
- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Control of the chain hoist via operating cylinder
- ▶ Operating cylinder pre-equipped for connecting and controlling the appropriate UNICRAFT electric trolley (please note recommendation)

Drive unit FEM/ISO 2m/M5 corresponds to 1600 full-load service hours

Load chains type G80 according to DIN EN-818-7

Siemens electrics

Two lifting speeds



Model		EKZT 5-2	EKZT 10-2	EKZT 20-2	EKZT 30-2
Art. no.		6194105	6194110	6194120	6194130
Technical data					
Load capacity	t	0.5	1	2	3
Stroke	m	6	6	6	6
Lifting speed(s)	m/min	7.7/2.2	5.1/1.8	2.6/0.95	6.0/2.0
Cable length control unit	m	6	6	6	6
Number of chain strands		1	1	2	1
Absorption capacity P1/P2	kW	1.2/0.4	1.4/0.46	1.4/0.46	3.0/1.0
Power connection ~50 Hz	V	400	400	400	400
Dimensions (L x W x H) approx.	mm	641 x 276 x 410	661 x 276 x 460	661 x 276 x 650	807 x 430 x 525
Weight approx.	kg	57	66.3	82	132
Matching electric trolley		EFW 1-2	EFW 1-2	EFW 2-2	EFW 3-2

Accessories for electric chain hoists

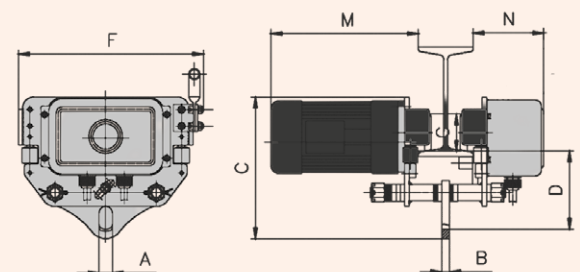
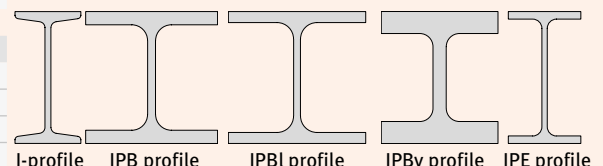
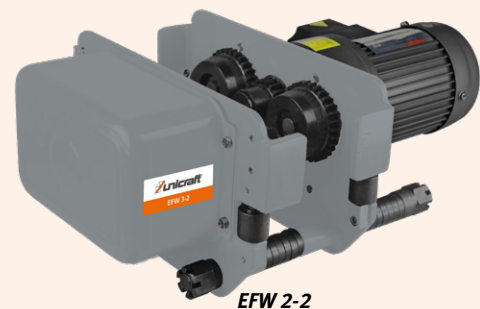
Electric trolleys series EFW-2 – with two travelling speeds and a maximum load capacity of up to 3 tonnes

Suitable for many carrier types, with two travelling speeds

- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, , IPBL, IPBv and IPE and corresponding beam flange width

- EFW 1-2**
- ▶ Suitable for electric chain hoists **EKZT 5-2** (Art. no.: 6194105) and **EKZT 10-2** (Art. no.: 6194110)
- EFW 2-2**
- ▶ Suitable for electric chain hoist **EKZT 20-2** (Art. no.: 6194120)
- EFW 3-2**
- ▶ Suitable for electric chain hoist **EKZT 30-2** (Art. no.: 6194130)

Model		EFW 1-2	EFW 2-2	EFW 3-2
Art. no.		6194410	6194420	6194430
Technical data				
Load capacity	t	1	2	3
Beam flange width	mm	74 – 140	74 – 140	100 – 170
Wheel diameter	G mm	68	75	96
Travelling speed	m/min	6.7/20	6.7/20	18/6
Power consumption P1/P2	kW	0.4/0.167	0.6/0.23	0.6/0.23
Power connection ~50 Hz	V	400	400	400
Protection class		IP 54	IP 54	IP 54
Width of the mounting eyelet	A mm	24	30	36
Mounting plate thickness	B mm	14	14	14
Distance between eyelet to contact surface	D mm	145	140	210
Overhang of motor	M mm	336	338	340
Overhang of switch box	N mm	135		138
Dimensions (L x W x H) approx.	mm	741 x 340 x 260	748 x 340 x 280	750 x 370 x 340
Weight approx.	kg	33	40	56



Electric chain hoists

Electric chain hoists series EKZT-2 –

with two lifting speeds and a maximum load capacity of up to 2 tonnes

- ▶ Overload protection through slipping clutch
- ▶ Integrated operating limit switch
- ▶ Helical gearbox for smooth and quiet operation
- ▶ High-strength load chain, good wear resistance and high safety factor
- ▶ Safe storage of the chain thanks to standard chain box
- ▶ Gearbox housing made of high-strength aluminium alloy for light weight, high strength and good corrosion resistance
- ▶ Overload protectionControl bottle pre-equipped for connection and control of the appropriate UNICRAFT electric trolley (note recommendation)

Helical gearbox for smooth and quiet operation

High-strength load chain, good wear resistance and high safety factor



EKZT 2003-2

Model		EKZT 503-2	EKZT 1003-2	EKZT 2003-2
Art. no.		6194440	6194441	6194442
Technical data				
Load capacity	t	0.5	1	2
Stroke	m	6	6	6
Lifting speed(s)	m/min	8/2	8/2	4/1
Cable length control unit	m	6	6	6
Drive group (FEM/ISO)	m/M5	2	2	2
Number of chain strands		1	1	1
Input power	kW	0.72/0.18	1.6/0.4	1.6/0.4
Power connection 400	V	400	400	400
Dimensions (L x W x H) approx.	mm	442 x 280 x 400	507 x 315 x 450	507 x 315 x 520
Weight approx.	kg	32	49	59
Matching electric trolley		EFW 1003-2	EFW 1003-2	EFW 2003-2

Accessories for electric chain hoists

Electric trolleys series EFW-2 – with two travelling speeds and a maximum load capacity of up to 2 tonnes

Suitable for many carrier types, with two travelling speeds

- ▶ Power connection and control of the trolley via the control box of the associated electric chain hoist
- ▶ Suitable for beams with profile types I, IPB, , IPBL, IPBv and IPE and corresponding beam flange width

EFW 1003-2

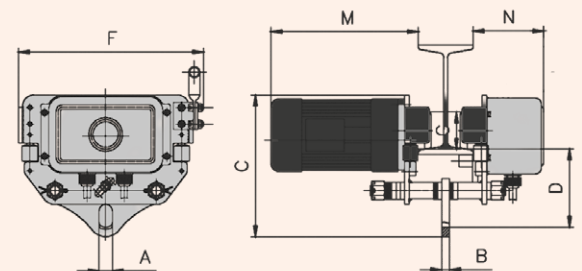
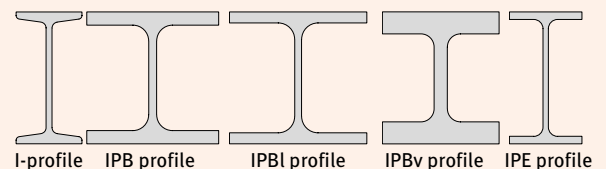
- ▶ Suitable for electric chain hoists EKZT 503-2 (Art. no.: 6194440)
- ▶ EKZT 1003-2 (Art. no.: 6194441)

EFW 2003-2

- ▶ Suitable for electric chain hoists EKZT 2003-2 (Art. no.: 6194442)



Model			EFW 1003-2	EFW 2003-2
Art. no.			6194451	6194452
Technical data				
Load capacity		t	1	2
Beam flange width		mm	74 – 180	74 – 180
Wheel diameter	G	mm	68	75
Travelling speed		m/min	6.7/20	6.7/20
Input power		kW	0.2/0.67	0.4/0.13
Power connection ~50 Hz		V	400	400
Protection class			IP 54	IP 54
Width of the mounting eyelet	A	mm	24	30
Mounting plate thickness	B	mm	14	14
Distance between eyelet to contact surface	D	mm	145	140
Overhang of motor	M	mm	336	338
Overhang of switch box	N	mm	135	135
Dimensions (L x W x H) approx.		mm	741 x 340 x 260	748 x 340 x 280
Weight approx.		kg	33	40



Steel winches SW series – with safety crank for lifting, holding and lowering work with a load capacity of up to 10 tonnes

- ▶ Load-bearing points on head and claw
- ▶ Low effort required to lift the load
- ▶ Lifting support housing with helical toothed rack
- ▶ Stable base for high stability
- ▶ Easy and safe operation thanks to two handles - also for easy transport
- ▶ Space-saving storage and transport thanks to foldable crank handle

Model	SW 30	SW 50	SW 100
Art. no.	6171203	6171205	6171210

Technical data			
Load capacity	3 t	5 t	10 t
Stroke	335 mm	335 mm	345 mm
Dimensions (L x W x H) approx.	296 x 197 x 730 mm	189 x 335 x 730 mm	250 x 498 x 800 mm
Weight approx.	21.2 kg	28.5 kg	46.8 kg

With self-locking safety pressure roller crank handle



SW 30

Hydraulic machine jacks HMH series

- ▶ Sturdy, welded steel construction for heavy-duty use
- ▶ For safe lifting of heavy loads
- ▶ Rotatable pump unit
- ▶ Removable pump lever
- ▶ **Equipment HMH 5:**
 - ▶ 360° rotatable claw or base plate
- ▶ **Equipment HMH 10:**
 - ▶ 360° rotatable claw or base plate
- ▶ **Equipment HMH 25:**
 - ▶ Chassis

Model	HMH 5	HMH 10	HMH 25
Art. no.	6190050	6190100	6190250
Technical data			
Lifting load	5 t	10 t	25 t
Manual force at nominal load	380 N	400 N	400 N
Stroke	205 mm	230 mm	215 mm
Lifting claw clearance height	25 mm	30 mm	58 mm
Lift head clearance height	368 mm	420 mm	505 mm
Temperature application range	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C
Dimensions (L x W x H) approx.	360 x 190 x 430 mm	380 x 220 x 510 mm	530 x 350 x 610 mm
Weight approx.	25 kg	35 kg	109 kg



HMH 5

HMH 10

HMH 25

Machine jacks MH series

- ▶ For safe lifting of heavy loads
- ▶ Sturdy, welded steel construction for heavy-duty use
- ▶ Infinitely adjustable lowering speed via sensitive drain screw
- ▶ Small and compact design



MH 3

MH 8

MH 10

MH 20

Scope of delivery MH 3:
 > Height-adjustable lifting claw

Scope of delivery MH 8:
 > Height-adjustable lifting claw

Scope of delivery MH 10:
 > Spindle thread

Scope of delivery MH 20:
 > Height-adjustable lifting claw
 > Spindle thread
 > Roll

Model	MH 3	MH 8	MH 10	MH 20
Art. no.	6190003	6190008	6190010	6190020
Technical data				
Lifting load of lifting head	3 t	8 t	7.5 t	15 t
Lift head clearance height	233 mm	261 mm	320 mm	325 mm
Lift head stroke	140 mm	140 mm	80 mm	140 mm
Max. lifting load of lifting claw	3 t	8 t	6 t	12 t
Lifting claw clearance height	15/75/135mm	20/85/150mm	35 mm	40/100 mm
Lifting claw stroke	140 mm	140 mm	160 mm	140 mm
Static vertical load max.	3 t	8 t	10 t	20 t
Load height min. static support load	233 mm	261 mm	320 mm	325 mm
Support height max. static support load	373 mm	401 mm	400 mm	465 mm
Dimensions (L x W x H) approx.	250 x 231 x 233 mm	271 x 251 x 261 mm	160 x 245.5 x 320 mm	296 x 372 x 325 mm
Weight approx.	21 kg	28 kg	25 kg	68 kg

Permanent lifting magnets

Permanent lifting magnets series PLM - for lifting loads of up to 2000 kg

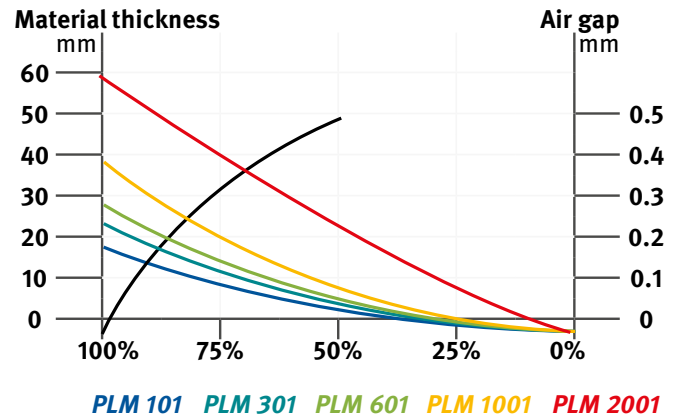
- ▶ Independent of batteries or external power supply
- ▶ Easy to switch on and off by moving the hand lever
- ▶ Lever lock in activated state by safety interlock prevents unintentional demagnetisation



High safety standard thanks to tested safety factor 3.5

For flat and round material due to base plate in V-design

Model	PLM 101	PLM 301	PLM 601	PLM 1001	PLM 2001
Art. no.	6171301	6171303	6171306	6171310	6171320
Technical data					
Load capacity	100 kg	300 kg	600 kg	1000 kg	2000 kg
Load capacity round material	50 kg	150 kg	300 kg	500 kg	1000 kg
Chassis height	72 mm	108 mm	123 mm	158 mm	204 mm
Length approx.	92 mm	166 mm	228 mm	266 mm	394 mm
Width/depth approx.	64 mm	99 mm	118 mm	150 mm	196 mm
Weight approx.	3 kg	12 kg	24 kg	43 kg	105 kg



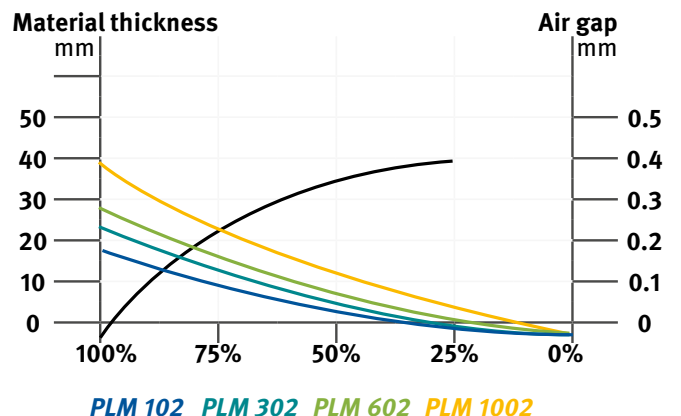
Permanent lifting magnet PLM – For lifting flat and round material

- ▶ High safety standard thanks to tested safety factor 3.5
- ▶ For flat and round material due to base plate in V-design
- ▶ Easy to switch on and off by moving the hand lever
- ▶ Increased safety thanks to effective lever lock when tensioned
- ▶ High durability - solenoid body made from one component
- ▶ Independent of batteries or external power supply
- ▶ Stable lifting eye minimises unnecessary swaying under load



PLM 602

Model		PLM 102	PLM 302	PLM 602	PLM1002
Art. no.		6171331	6171333	6171336	6171339
Technical data					
Load capacity	kg	100	300	600	1000
Load capacity round material	kg	50	150	300	500
Length approx.	mm	137	199	263	303
Width/depth approx.	mm	62	90	115	150
Height approx.	mm	111	185	185	290
Weight approx.	kg	4.2	10.8	21.2	42



Hanging scales HW series – Compact for determining the weight of hanging loads up to 300 kg

- ▶ Control via display directly on the device
- ▶ Bright and easy-to-read LED display with 20 mm high digits
- ▶ Value can be held and frozen
- ▶ Easy determination of the net weight thanks to the tare function
- ▶ Automatic switch-off function
- ▶ Overload warning on the display

Model	HW 50	HW 150	HW 300
Art. no.	6171505	6171515	6171530
Technical data			
Load capacity	0.05 t	0.15 t	0.3 t
Overload max.	300%	300%	300%
Display gradation	0.02 kg	0.05 kg	0.1 kg
Stabilisation time	< 10 s	< 10 s	< 10 s
Distance from suspension to load hook	265 mm	265 mm	265 mm
Inner diameter of suspension	20 mm	20 mm	20 mm
Depth approx.	46 mm	46 mm	46 mm
Weight approx.	0.65 kg	0.65 kg	0.65 kg

High precision

Can be calibrated in accordance with the OIML R76 standard

Compact design

Tare over the full range



HW 50

Crane scales series KW - for determining the weight of suspended loads up to 10 t

- ▶ Control via remote control and display directly on the device
- ▶ Remote control range up to 10 m
- ▶ Bright and easy-to-read LED display with 30 mm high digits
- ▶ Value can be held and frozen
- ▶ Easy determination of the net weight thanks to the tare function
- ▶ Totalling function via series weighing
- ▶ Automatic switch-off function
- ▶ Overload warning on the display
- ▶ Power supply via exchangeable, internal battery that can be charged directly in the device

High precision

Can be calibrated in accordance with the OIML R76 standard

Controllable with remote control

Tare over the full range



KW 50

Scope of delivery:

- › Remote control incl. batteries
- › Battery 6 V / 10 Ah
- › Power supply unit

Model	KW 50	KW 100
Art. no.	6171405	6171410
Technical data		
Load capacity	5 t	10 t
Overload max.	400%	400%
Display gradation	< 2 t: 1 kg 2 - 5 t: 2 kg	< 2 t: 1 kg 2 - 5 t: 2 kg 5 - 10 t: 10 kg
Stabilisation time	< 10 s	< 10 s
Distance from suspension to load hook	585 mm	770 mm
Inner diameter of suspension	92 mm	94 mm
Passage width load hook	45 mm	60 mm
Dimensions (L x W x H) approx.	230 x 325 x 650 mm	230 x 364 x 810 mm
Weight approx.	25 kg	47 kg

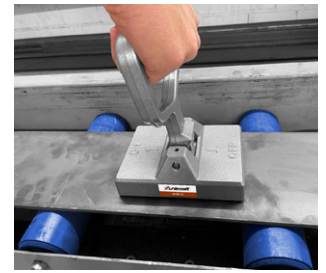
Hand lifting magnets

HHM 50 - Practical hand lifting magnets

- ▶ Built-in ferrite magnet ideal for outdoor use thanks to high corrosion resistance
- ▶ Quick and easy manual handling of loads
- ▶ Perfect for lifting sheet metal and other workpieces
- ▶ Makes it easier to pick up loads that are difficult to grip



HHM 50



Application example

Model		HHM 50
Art. no.		6171340

Technical data		
Load capacity	kg	50
Load capacity round material	kg	–
Height min.– max.	mm	–
Dimensions (L x W x H) approx.	mm	140x100x180
Weight approx.	kg	1.8

HHM series - Practical manual lifting magnets up to 20 kg load

- ▶ Built-in neodymium magnet ideal for maximum holding force with a small surface area
- ▶ Magnet can be switched on and off by pressing the handle
- ▶ Suitable for picking up metal parts in hard-to-reach places or for assembly work
- ▶ Easy to stow away when retracted



HHM 20

Model		HHM 8	HHM 20
Art. no.		6171341	6171342

Technical data			
Load capacity	kg	8	20
Load capacity round material	kg	3	7.5
Height min.– max.	mm	281–561	300–615
Dimensions (L x W x H) approx.	mm	105x41x281	105x55x300
Weight approx.	kg	0.47	0.76