

MANHOLE CLAMP



- Simple applying and disconnecting by means of holdfast application: clamp must not be lifted manually
- No adjustment of the clamping range
- Huge multiplication guarantees optimum safety
- Manhole clamp SZA for manholes and cones according to DIN 4034 Part 1 and 2
- With spring tension
- With web sling or high-strength chains

The new generation: the manhole clamp with the huge multiplication for optimum safety



The manhole clamp is used for the transport and laying of manholes.

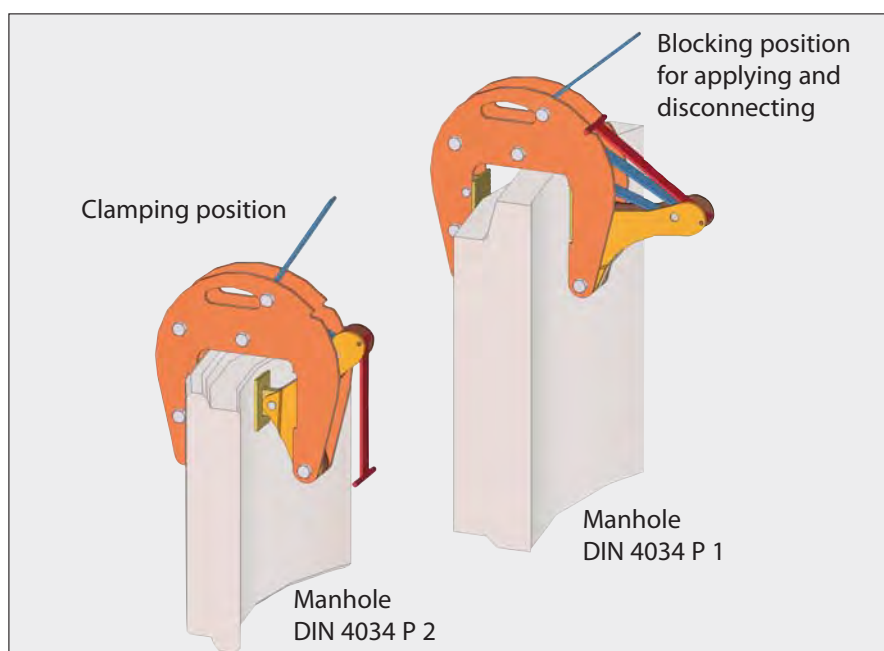
No adjustment of the clamping range is necessary. Accidents caused by incorrect adjustment are excluded.

Due to the holdfast application the clamp must not be lifted when applying and disconnecting.

The manhole clamp can be used for all standard manholes:

- thin-walled manholes
- SZA for manholes according to DIN 4034 Part 1 + 2
- SZM for manholes according to DIN 4034 Part 2
- symmetrical conical manholes (cones) according to DIN 4034
- asymmetrical conical manholes (cones) according to DIN 4034

Patent application made for the manhole clamp.



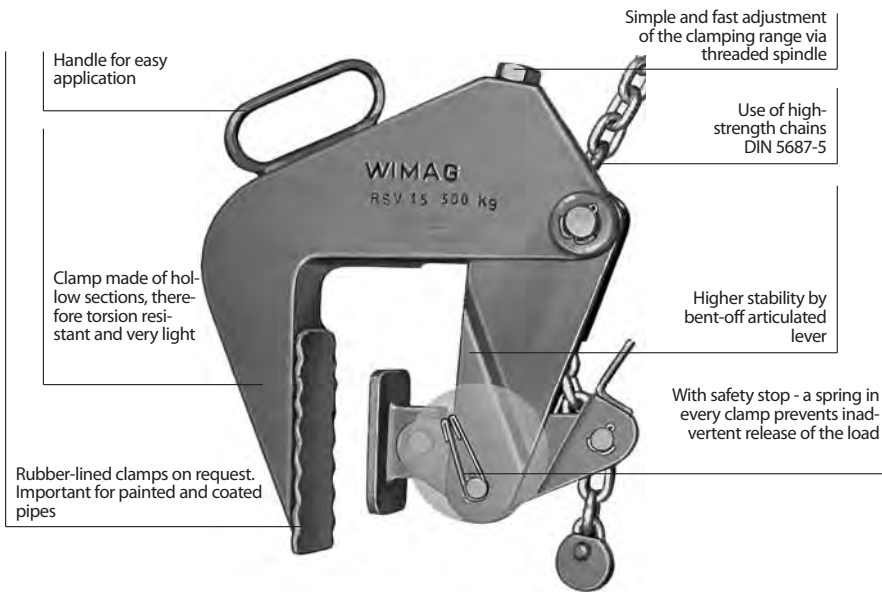
Order No.	Model	Carrying Capacity kg	Number Of Clamps / Unit	Contact Surface Of Jaws	Clamping Range mm	For Manhole Inside Diameter m	Length Of Web Sling m	Weight Approx. kg
105 002	SZM 1,0	1.000	2	Serrated	40 - 120	0,8 - 2,0	1,45	16
105 003	SZM 1,5	1.500	3	Serrated	40 - 120	0,8 - 2,0	1,45	28
105 004	SZML 1,5	1.500	3	Serrated	40 - 120	0,8 - 2,8	2,05	29
105 020	SZA 2	2.000	2	Serrated	60 - 180	0,8 - 2,0	1,45	28
105 030	SZA 3	3.000	3	Serrated	60 - 180	0,8 - 2,0	1,45	40
105 033	SZAL 3	3.000	3	Serrated	60 - 180	0,8 - 2,8	2,05	41
105 040	SZA 4	4.000	4	Serrated	60 - 180	0,8 - 2,5	1,45	55
Clamp with high-strength chains								
105 005	SZM 1,5 K	1.500	3	Serrated	40 - 120	0,8 - 2,0	1,60	32
105 023	SZA 2 K	2.000	2	Serrated	60 - 180	0,8 - 2,0	1,60	31
105 031	SZA 3 K	3.000	3	Serrated	60 - 180	0,8 - 2,0	1,60	45
105 034	SZAL 3 K	3.000	3	Serrated	60 - 180	0,8 - 3,0	2,20	47

PIPE SUSPENSION GRAB



The Original For Your Safety . . .

Only an original WIMAG pipe suspension grab can provide all advantages:

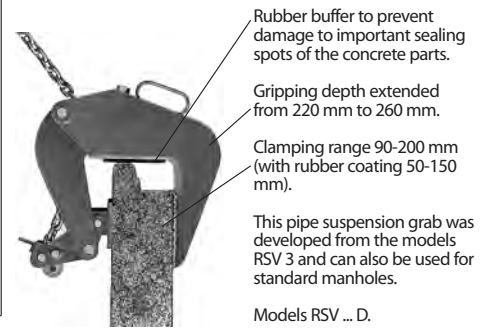


Problem:

The handling of prefabricated manholes according to **DIN 4034 Part 1** with socket end for axial seal.

Solution:

The WIMAG pipe suspension grab RSV ... D offering the following advantages:



A rubber-coated pipe suspension grab is needed for smooth, painted or coated manholes!

Order No.	Model	Carrying Capacity kg	Number Of Clamps	Contact Surface Of Clamps	Clamping Range mm	Manhole Inside Diameter m	Chain Length m	Weight Approx. kg
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Pipe suspension grabs for manholes according to DIN 4034 Part 2

110 010	RSV 1,5	1.500	3	steel/serrated	40 - 120	0,4 - 2,0	1,50	31
110 011	RSVL 1,5	1.500	3	steel/serrated	40 - 120	0,4 - 3,0	2,00	33
110 020	RSVG 1,5	1.500	3	rubber-coated	0 - 70	0,4 - 2,0	1,50	34
110 510	RSV 3	3.000	3	steel/serrated	50 - 180	0,4 - 2,0	1,60	55
110 511	RSVL 3	3.000	3	steel/serrated	50 - 180	0,4 - 3,0	2,20	58
110 520	RSVG 3	3.000	3	rubber-coated	0 - 130	0,4 - 2,0	1,60	55
110 530	RSV 3/230	3.000	3	steel/serrated	90 - 230	0,4 - 2,0	1,60	54
110 531	RSVL 3/230	3.000	3	steel/serrated	90 - 230	0,4 - 3,0	2,20	58
110 540	RSVG 3/180	3.000	3	rubber-coated	50 - 180	0,4 - 2,0	1,60	56
110 110	RSVE 0,5	500	1	steel/serrated	40 - 120	-	0,80	10
110 610	RSVE 1	1.000	1	steel/serrated	50 - 180	-	0,80	17
110 210	RSV 1	1.000	2	steel/serrated	40 -120	0,4 - 2,0	1,50	21
110 710	RSV 2	2.000	2	steel/serrated	50 - 180	0,4 - 2,0	1,60	33
110 850	RSVTL 4	4.000	4	steel/serrated	50 - 180	1,0 - 3,0	2,20	85

Pipe suspension grabs for manholes according to DIN 4034 Part 1 and 2

110 515	RSV 3/200 D	3.000	3	steel/serrated	90 - 200	0,4 - 2,0	1,60	69
110 516	RSVL 3/200 D	3.000	3	steel/serrated	90 - 200	0,4 - 3,0	2,20	73

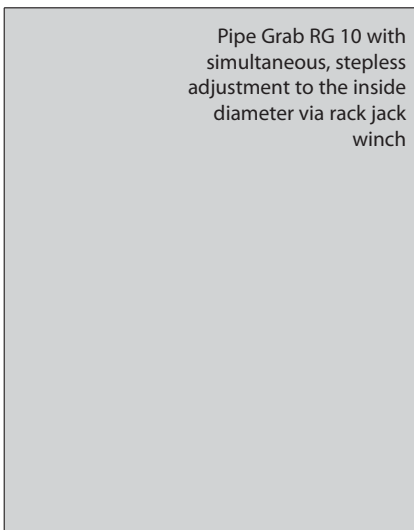
PIPE GRAB



RGA-300 with cantilever KA-300 for the automatic fork lift transport



Pipe Grab RG 3,5 with simultaneous, stepless adjustment to the inside diameter via rack jack winch



Pipe Grab RG 10 with simultaneous, stepless adjustment to the inside diameter via rack jack winch



- One man operation via mechanical automatic switching equipment
- Fast and safe pipe transport
- Applicable on every hoist

Order No.	Model	Carrying Capacity kg	Inside Diameter mm	Wall Thickness mm	Clamping Jaws	Weight approx. kg
112 010	RGA 300	3,000	800 - 2,500	90 - 200	3 units / steel	205
112 510	Cantilever KA	3,000				115
112 602	RG 3,5	3,500	400 - 800	45 - 60	2 units / rubber coating	230
112 603	RG 10	10,000	900 - 1,600	60 - 100	2 units / rubber coating	1,070

MANHOLE AND CONE CLAMP



Application made for patent

- The compact lifter for manholes and cones
- No crushing hazard
- Two tensioning heights for manholes and cones
- Simple adjustment

Order No.	Model	Carrying Capacity kg	Cones mm	Manholes mm	Weight kg
113 100	Manhole Grab SHB	1,500	DN 625 / 800	1,000 / 1,200	154
113 110	Adapter	1,500		1,500	

PIPE LAYING HOOK / C-HOOK

Pipe laying hook RHK

- For pipe lengths up to 1.0 m
- With safety chain
- With guide handle

Order No.	Model	Carrying Capacity kg	Hook Opening mm	Weight kg
115 010	RHK 1/1	1,000	190	24
115 025	RHK 3/1	3,000	260	45



Pipe laying hook RHSV

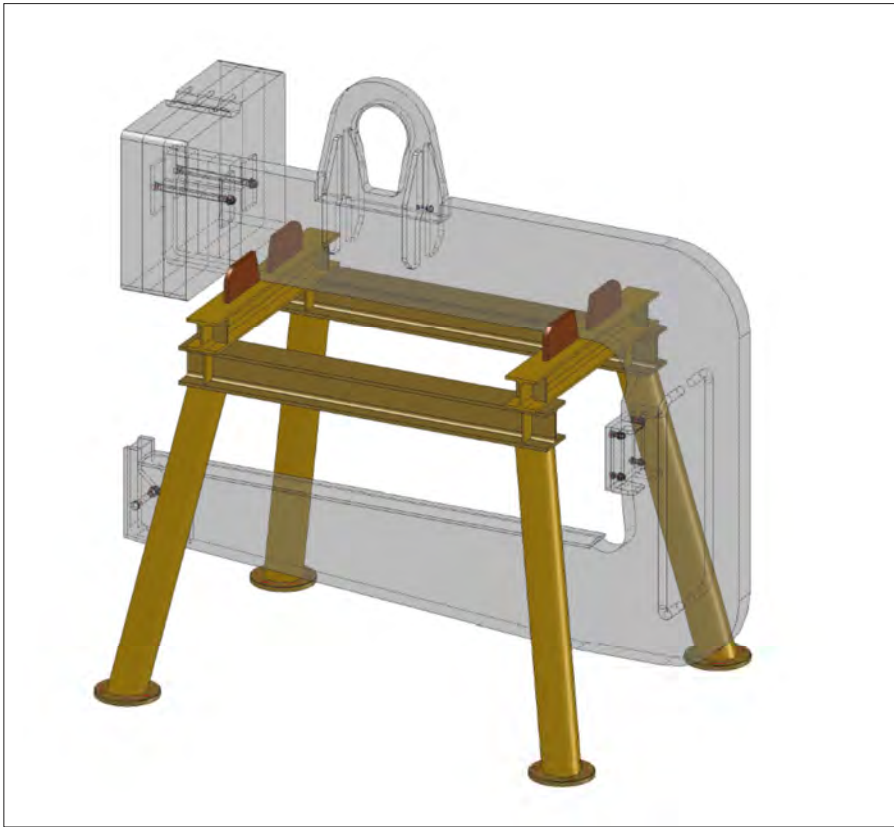
- For pipe lengths up to 3.0 m
- With automatic weight counterbalance
- With adjustable buffer stop
- With safety chain
- With guide handle

Order No.	Model	Carrying Capacity kg	Hook Opening mm	Minimum Weight* approx. kg	Weight kg
115 210	RHSV 1/3	1,000	300	350	180
115 325	RHSV 3/3	3,000	460	1,000	310
115 335	RHSV 7.5/3	7,500	500	3,000	732



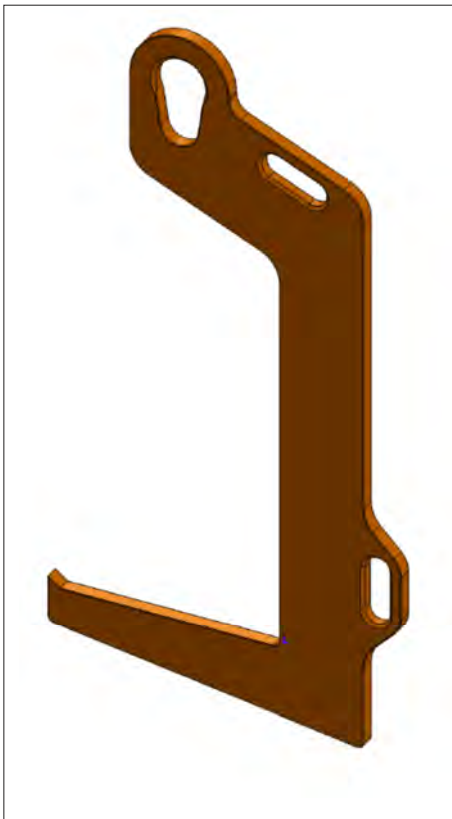
* For the function of the weight counterbalance a minimum pipe weight is required. Lighter pipes cannot be handled by model RHSV.

Special designs

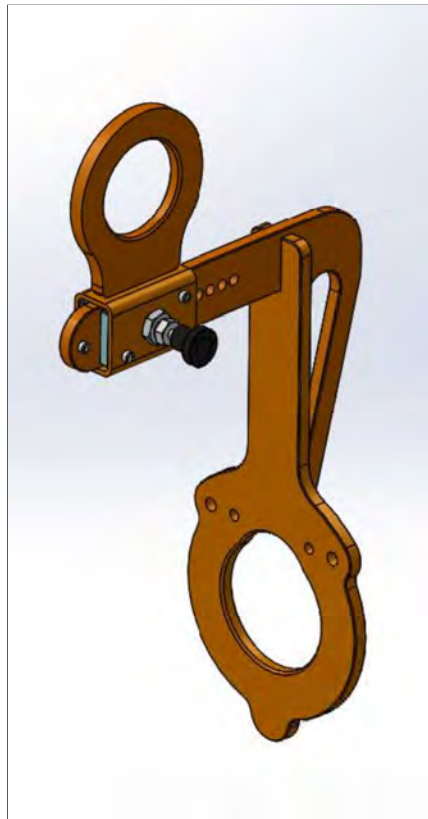


115 601
Loading fork LG 0.4
Carrying capacity 40 kg

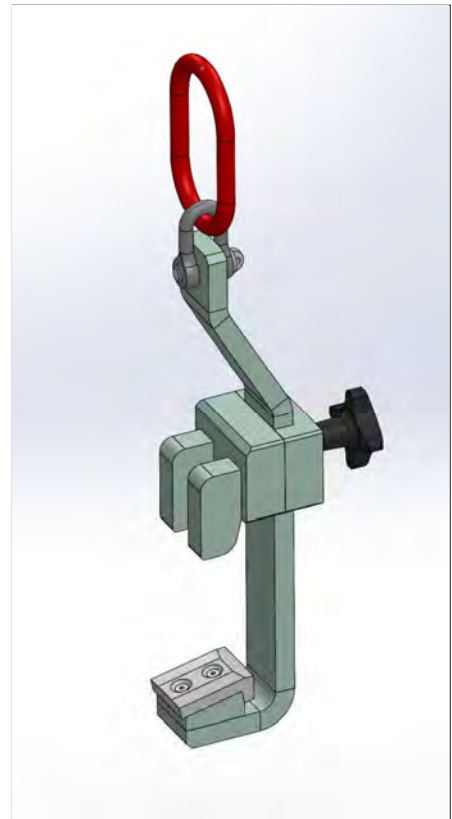
115 518
C-hook with counterbalance
and storage rack
Carrying capacity 15 t
Coil width 1.5 m



115 547
C-hook CH 5
Carrying capacity 5 t



115 637
C-hook CH 0.1-0.2
Carrying capacity 100 kg



115 652
C-hook CH 0.15
Carrying capacity 150 kg

PIPE CHAIN SLING



Effortless transport of pipes/reinforced concrete pipes due to weight reduction by approx. 50%

Order No.	Model	Carrying Capacity kg	Inside Diameter Of Pipes DN	Pipe Length m	Socket Depth mm	Hook Opening mm	Reach Depth mm	Weight kg
118 100	ROG 1.2	1,200	300/400/500	2.5/3.0	max. 100	150	300	14
118 200	ROG 2.6	2,600	600 - 900	2.5/3.0	max. 120	220	350	35
118 400	ROG 4.3	4,300	1,000 - 1,200	2.5/3.0	max. 120	270	390	72

Hooks are also available with edge protection. The hook opening is then reduced by approx. 15 mm.

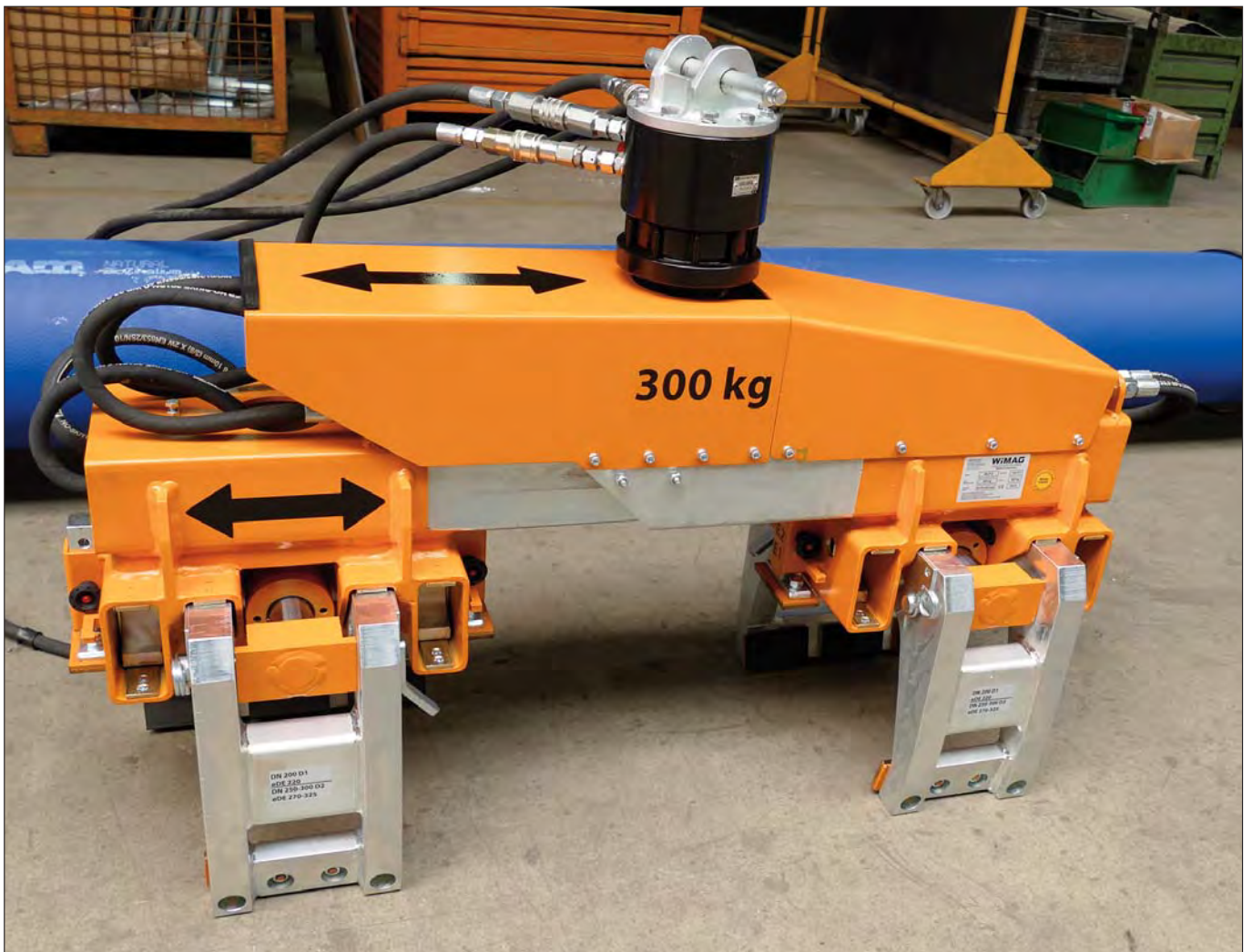
SHEET PILE CLAMP



- For safe transport of sheet piles
- Opening and locking with the rope
- Delivered with suspension eye, chain, shackle and 6 m rope

Order No.	Model	Pulling Force	Opening Width	Diameter Of Bolt	Weight
123 100	LZ-1.0	1,000 kg	10 mm	16 mm	4 kg
123 300	DZ-3.0	3,000 kg	17 mm	20.5 mm	15 kg
123 301	DZ-4.0	4,000 kg	40 mm	35 mm	24 kg

MINI PIPE PULLER



- Effortless laying of ductile pipes
- Equipped with 2 sets of spare clamping jaws
- Equipped with an adaptor plate and an rotator
- Minimum space required

Order No.	Model	Carrying capacity kg	Pulling force max. t	Outer diameter of the pipe mm	Lifting height mm	Weight kg
124 100	RLP-0.3	300	3,25	118 - 325	300	325

3 hydraulic circuits are needed. Oil pressure of the excavator: 150-200 bar. Volume flow approx. 5 l/min.

PIPE PULLING DEVICE



- The pipe pulling device for concrete and vitrified clay pipes with bell-shaped socket end
- No power or other additional power packs necessary
- Powerfull joining with the hydraulic power pack
- Simple operation by hand pump

Pipe Pulling Device

Pipe pulling device, basic equipment with tensioning cylinder for tensioning on the pipe _____

Pump lever for manual operation _____

Hydraulic power pack with oil tank, pressure gauge and valve _____

Max. pressure: 150 bar

Tensioning arms, adjustable to suit the required pipe outside diameter _____

Pulling cylinder, stroke 300 mm _____

Clamping jaws _____

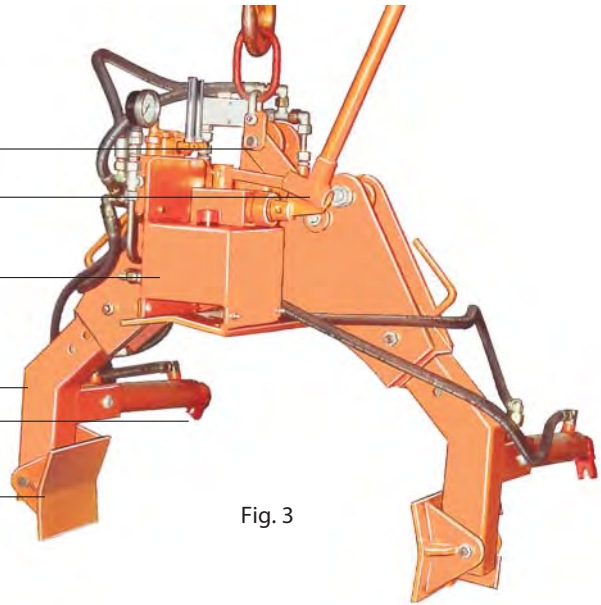


Fig. 3

Working procedure

- Adjust the length of the two clamping arms to suit the new pipe diameter
- Tension the pipe pulling device behind the socket end of the previously laid pipe
- Position the next pipe to be laid
- Fit the pulling bar and fix the pulling chains (Fig. 1)
- Pull the pipe via the two pulling cylinders

Order No.	Model	Pulling Force Max.* Approx. t	For Pipe Outside Diameter mm	Stroke mm	Weight Approx. kg
125 200	RZA-350-750	1.5	350 - 750	300	177
125 300	RZA-600-1250	1.5	600 - 1250	300	317

Delivered unit: standard equipment complete with hydraulic installation, two pulling chains of 15 m length each, pulling bar.

*) The pulling force depends on the pipe weight and the pipe surface. Therefore, a general specification is not possible.



Pipe puller RZE
joining kite-shaped
profiles with 4-track
undercarriage

- ❑ **Safe and fast joining of reinforced concrete pipes**
- ❑ **No trailing cables due to battery operation**
- ❑ **Tensioning and pulling by push button control via hydraulic cylinders**

WIMAG Pipe Puller RZE: the perfect pipe puller for reinforced concrete pipes

The Pipe Puller RZE has been specially designed for the laying of reinforced concrete pipes and is well proven worldwide.

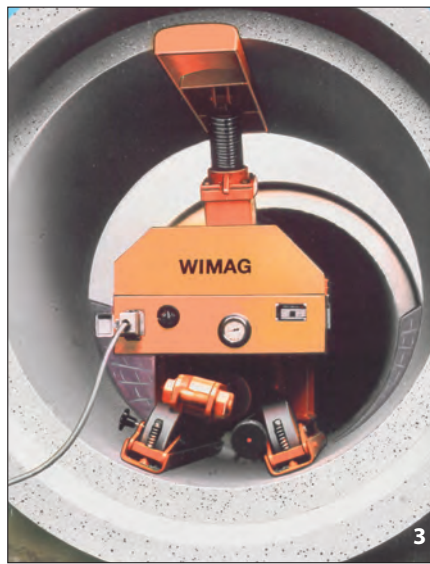
The hydraulic system is supplied by a 12 V battery, therefore, there are no trailing cables. The maximum pressure of the hydraulic system can be continuously adjusted. The pressure and battery are monitored by control instruments.

The adjustment to suit the new pipe dimension is effected via a spindle or by the exchange of a support, if necessary.

The excavator lifts the RZE into the pipe using a chain sling (Fig. 2). The RZE can be moved easily on its four wheels within the pipe and hydraulically clamped in every position via a bush button, at the same time the wheels will swivel upwards. The three big clamping surfaces prevent damage to the pipe (Fig. 3).

The joining of the pipe is effected by the retraction of the hydraulic cylinder via the pulling bar and the polyester sling. After the extension of the pulling cylinder the RZE will be released via a push button and pulled forward by one pipe length.

The control cable can be replaced by a remote control, if necessary (Fig. 4). Other accessories are available.

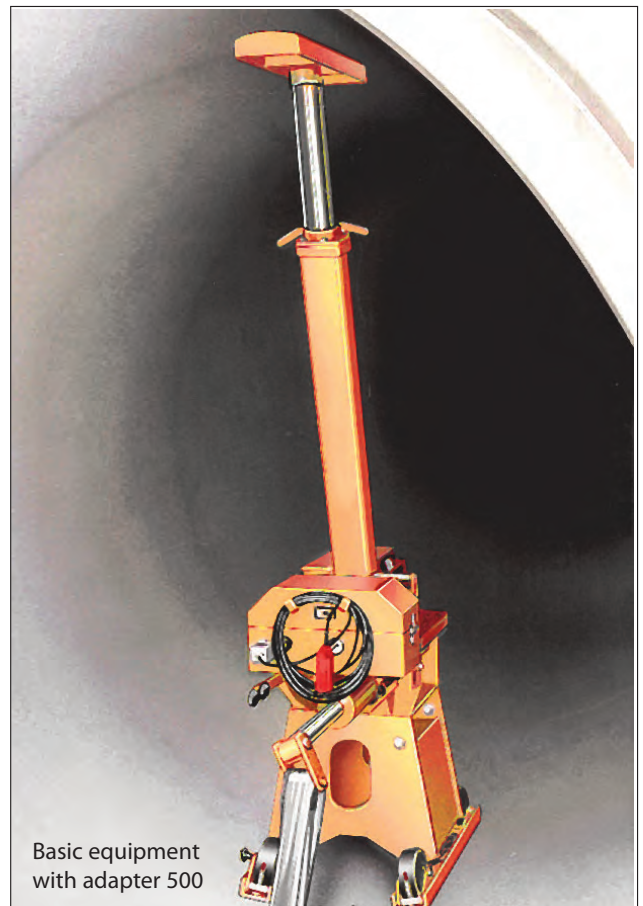


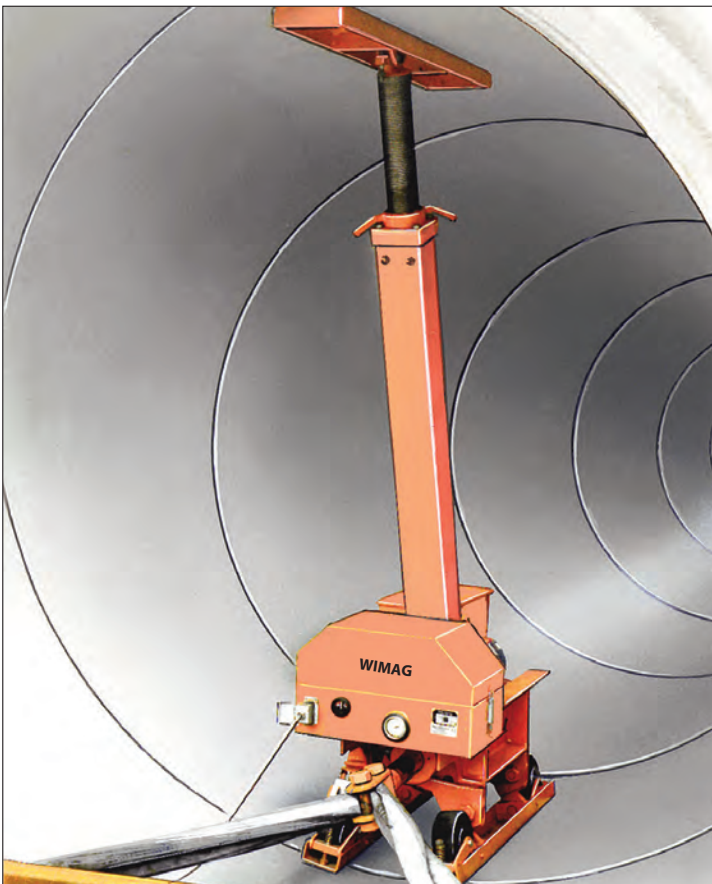
SPECIFICATION

Pulling force max. for reinforced concrete pipes, inside diameter	16 t (800) 1,000-2,500 (3,000) mm	Stroke of pulling cylinder	500 mm
Control	pendant control and 10 m cable	Hydraulic system	1.6 kW, 12 V
Pulling sling	polyester sling, lengths of 4 m and 8 m	Battery	12 V, 180 Ah
		Total weight	625 kg

Order No.	Type	
128 600	Basic equipment complete	ready for operation, with hydraulic system and battery - with supports for pipe inside diameter 800-1,000 mm, 1,100-1,500 mm, 1,600-2,000 mm, 2,100-2,500 mm - spindle short for pipe inside diameter 800-1,000 mm spindle long for pipe inside diameter 1,100-2,500 mm - control cable of 10 m length and pendant control - polyester sling, working length of 4 m, polyester sling working length of 8 m, shortening eye and shackle - pulling bar for pipe inside diameter 800-1,400 mm - pulling bar for pipe inside diameter 1,500-2,500 mm - transport sling
128 501	Charger	220 V / 12 V
128 995	Remote control	see Figure 4
045 322	Adapter 130	for height increasing of effective height by 130 mm
040 716	Adapter 500	for pipe inside diameter 2,500-3,000 mm, with pulling bar extension
128 993	4-track carriage	for kite-shaped profiles
049 037	Undercarriage enlargement	Wheel base 700 mm, for pipes with dry-weather channel
128 460	Pulling bar for rectangular pipes	for working width of 1,400-2,000 mm
128 470	Pulling bar for rectangular pipes	for working width of 1,800-2,600 mm

APPLICATIONS





PIPE LAYER



- Automatic pickup of the pipe layer via quick change system of the excavator
- Lifting of the pipes by the excavator; transport without tilting of pipes
- Equipped with a pipe pushing unit for a safe pipe connection as option
- One man operation
- Connection to the hydraulic power take-off system of the excavator
- Horizontal rotation by +/- 30°
- Additional protection against pipe slippage
- No personnel within the dangerous area

The Pipe Layer for the safe pipe transport and professional pipe laying



The hydraulic pipe layer is designed for the transport and the laying of pipes up to 3,000 kg of weight.

The pipes are picked up inside the pipe by means of a lifting arm. Therefore, also horizontal pipes can be placed very close to each other e.g. on lorries and pipes can be independently offloaded by the operator of the excavator without problem (single man operation).

The pipe layer is screwed to the quick change system of the excavator via the adaptor plate.

The operation of the pipe layer is carried out by the driver of the excavator via the hydraulic power take-off system on excavator. For this two free hydraulic circuits are required.

For quick picking up of pipes and exact alignment within the trench the pipe layer is equipped with a rotating cylinder enabling a horizontal rotation of the pipe by +/- 30°.

During transport the pipe is secured by a hydraulic clamping device to prevent slippage.

Specification RL 3

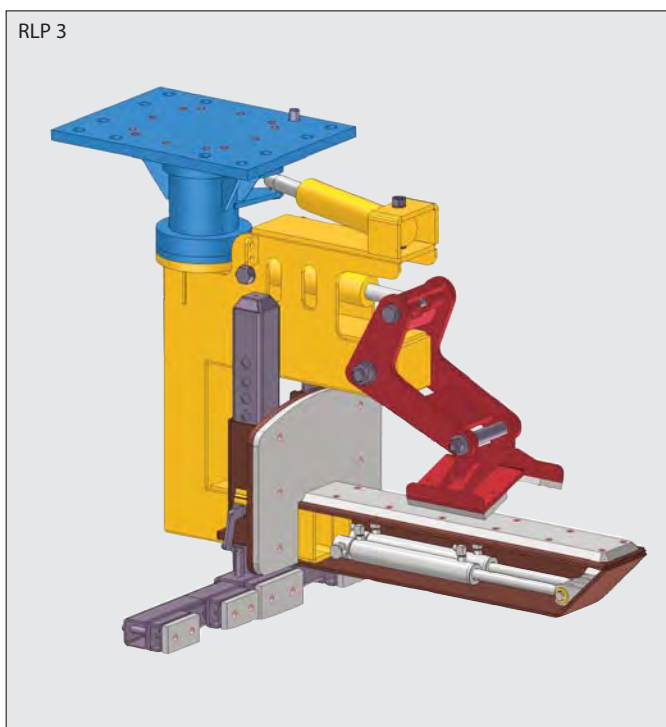
Max. safe working load	3,000 kg
Pipe inside diameter	300 - 1,000 mm
Weight without pushing unit approx.	590 kg

For the laying of pipes the pipe layer can be equipped with a pipe pushing unit. During this operation the pushing cylinder pushes pipe forwards and joins with the pipe already laid (see figure).

Specification RLP 3

Max. safe working load	3,000 kg
Pipe inside diameter	400 - 1,000 mm
Pushing distance	300 mm
Max. pushing force	8 t
Max. weight with pushing unit approx.	760 kg

Specials designs on request.



ROUND GRAB



The Strong Combination of Grab and Sling for the Safe Handling of Cylindrical Parts (Pipes, Cylinders ...)

Sling or Pipe Grab ?

Slings can be used for handling pipes when the pipes are positioned on a squared beam and when the sling can be pushed through underneath the pipe. The advantages of the slings are, however: high carrying capacity, lightweight and inexpensive.

Pipe Grabs are mechanical grabs. They are very solid and assure safe pipe handling. A complete encircling of the load is not necessary as the load is held by frictional and embracing forces.

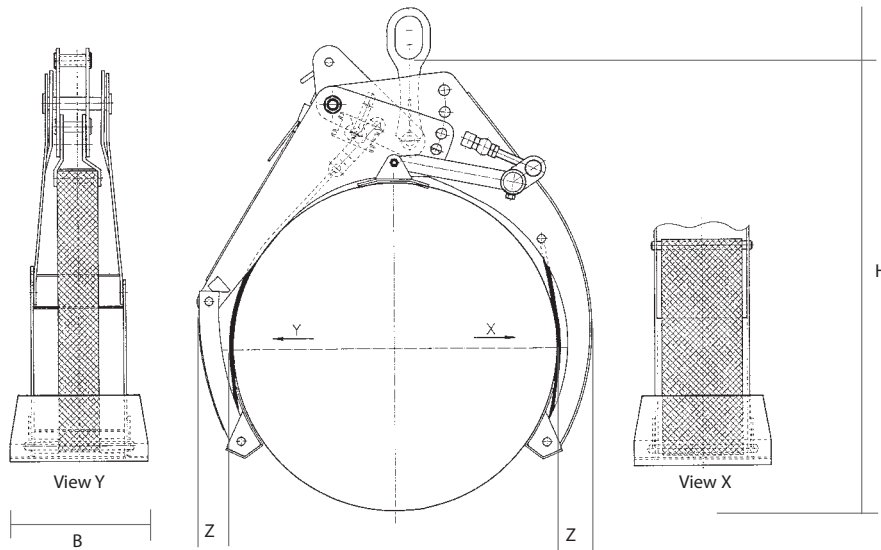
Why not combine both advantages in one single piece of equipment ?

The result is the WIMAG Round Grab WRG:

The solid steel construction assures safe pipe handling even under the toughest circumstances. Due to the built-in automatic mechanism, the round grab opens and closes automatically when picking up or positioning the pipe. The large clamping range is quickly and simply adjusted via a bolt. A control panel guarantees the correct adjustment of the clamping range. The easily adjustable support provides additional safety during handling. The solid suspension eye can be fitted into any lifting equipment.

The wide slings assure careful and safe transport even of delicate or coated pipes. The slings are covered with a protective tube. The slings are additionally protected against wear and tear by protective plates situated at the bottom.

Application made for patent rights.



Order No.	Model	Carrying Capacity kg	Pipe Outside Diameter mm	Height H mm	Width B mm	Z* mm	Weight kg
131 010	WRG 1.5-47	1,500	200 - 470	930	340	110	56
131 020	WRG 1.5-80	1,500	300 - 800	1,350	350	120	90
131 030	WRG 5-150	5,000	600 - 1,500	2,300	500	200	425
Round grab with steel sling and steel tensioning sling							
130 030	RRG 3-120	3,000	600 - 1,250	2,000	550	120	300
130 050	RRG 10-200	10,000	1,000 - 2,000	3,000	750	300	1,080
130 060	RRG 12-250	12,000	1,500 - 2,500	3,600	750	400	1,450
Enquire about our special constructions.						* Adjustment to suit the max. diameter	

ROUND CLAMP

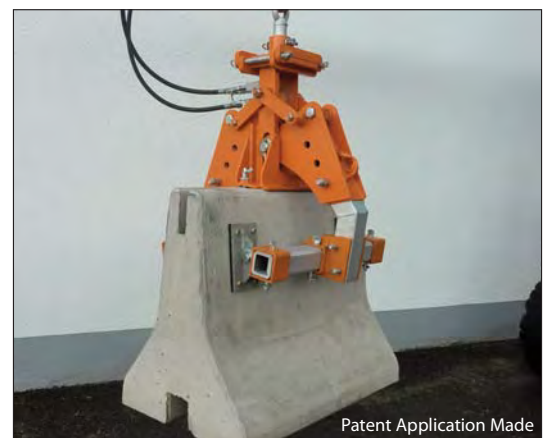


Application made for patent



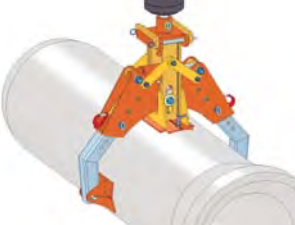




- No need to adjust the clamping range
- Minimum throat width due to adjustable limit stop
- Equipped with an adjustable support
- Automatic operation by lifting/lowering automatic system

Order No.	Model	Carrying Capacity kg	Clamping Range mm	Weight kg
132 100	Round Clamp RZ 1.5-80	1,500	400 - 800	150

HYDRO GRAB

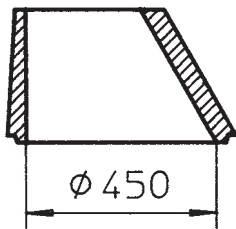


- The perfect hydraulic grab for pipes, manholes, conical manholes, L-shaped stones, concrete protection barriers, ...
- The optimum attachment for your excavator, wheel loader, crane, ...

Specification		Order No.
	<p>Hydro Grab Basic equipment with suspension eye, connectable to a free hydraulic control circuit of the lifting equipment. Carrying capacity: 1,500 kg Dimensions: 700 x 400 x 700 mm Weight: 93 kg</p>	<p>134 100</p>
	<p>Clamping Unit For Manholes to transport manholes of an inside diameter of 800 – 1,500 mm. Carrying capacity: 1,500 kg Weight: 42 kg</p>	<p>134 200</p>
	<p>Clamping Unit For Pipes to transport pipes of an outside diameter of 350 – 750 mm. Carrying capacity: 1,500 kg Weight: 26 kg</p>	<p>134 300</p>
	<p>Clamping Unit For Conical Manholes to transport conical manholes of an upper inside diameter of 625 / 800 mm. Carrying capacity: 1,500 kg Weight: 118 kg</p>	<p>134 400</p>
	<p>All-Purpose Clamping Unit Outside tensioning: clamping range 0 - 1,300 mm Inside tensioning: clamping range 400 – 1,500 mm Carrying capacity: 1,000 kg Weight: 40 kg</p>	<p>134 500</p>
	<p>Clamping Unit For Concrete Protection Barriers e.g. New Jersey Profiles, clamping jaws with grey rubberised coating. Clamping range: 80 - 480 mm Carrying capacity: 1,500 kg Weight: 83 kg</p>	<p>134 600</p>
	<p>Rotator for attachment a second hydraulic control circuit must be provided for the lifting equipment. Carrying capacity: 3,000 kg Weight: 23 kg</p>	<p>134 700</p>

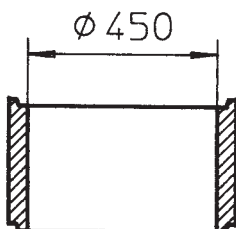
ROAD GULLY GRAB

A grab for base-, cylindrical- and conical drain assemblies !



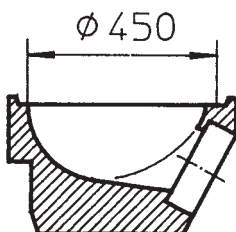
The laying and positioning of street grates according to DIN 4052 in drain excavations is the strenuous daily routine of a civil engineer. The base drain assemblies weighing up to 250 kg have to be laid precisely by hand which often requires considerable effort and time.

Using the new road gully grab SAG-450 the job can easily be carried out by one person: precisely and saving time. The operation should be carried out close to the ground.



The operation is very simple: the SAG is positioned onto the base drain assembly which is to be laid and the lifting equipment is attached. After raising the safety catch, the **base drain assembly** can be lowered into the drain excavation and positioned. After setting down the assembly, the grab opens automatically.

The laying of the **cylindrical drain assembly** is carried out in the same way: simple and economically.



For the laying of **conical drain assemblies**, the bolt must be reset. Due to the swivelling clamping jaw, the conical drain assembly may be lifted immediately above the centre of gravity.

A patent has been issued for the road gully grab.

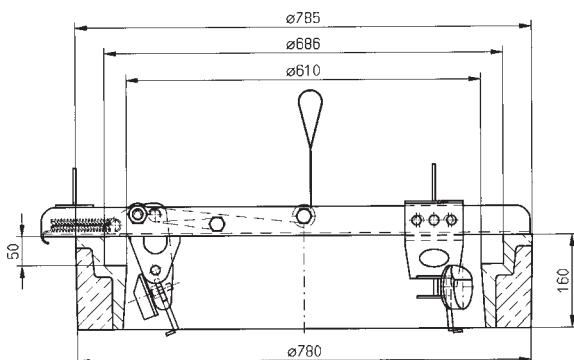
Order No.	Model	Carrying Capacity kg	Clamping Range mm	Weight kg
135 010	SAG-450	250	460 - 560	12

INTERNAL MANHOLE HOUSING GRAB

The ideal grab for the transport of manhole grates according to DIN EN 124, DIN 1229



- For the **transport of housing and cover** with manhole cover vents* according to EN 124 /DIN 1229.
- **Great safety** due to huge lever force.
- **Sling** instead of chain/rope: low weight, no twisting, no injuries.
- Simply pull stop bolt to pick up the load.
- **Automatic opening** due to spring tension.
- **Easy handling** by compact and convenient construction.
- **The equipment is galvanized.**



* The manhole cover vents are not standard. Therefore it cannot be guaranteed that both load hooks fit each individual cover.

Order No.	Model	Carrying Capacity kg	Clamping Range mm	Weight kg
136 100	RGI-610	200	610 / 625	12

MANHOLE HOUSING GRAB

One grab for housing and cover !



The manhole housing grab enables simple and safe transport and laying of manhole covers according to EN 124 / DIN 1229.

The housings as well as the covers can be safely lifted and laid by the manhole housing grab.

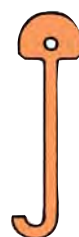
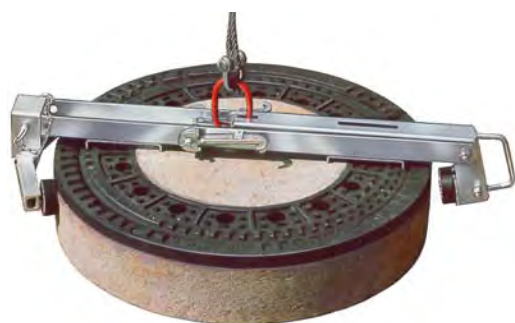
The suspension eye of the manhole housing grab is fitted to the load hook of the excavator / loader and is then positioned onto the manhole cover. After releasing the safety catch the housing and the cover are lifted and positioned on the conical drain assembly.

When setting down the manhole cover the safety catch blocks itself and the grab opens automatically.

When turning the grab 180° the covers can be easily taken out of the housing using the grab and the hooks.

The manhole housing grab is galvanized as standard.

A patent has been issued for the manhole housing grab.



Hook A



Hook B

Order No.	Model	Carrying Capacity kg	Housing Diameter mm	Weight Approx. kg
137 010	RG-750	200	750 / 785	15
137 410	Hook A	100		0,25
137 420	Hook B	100		0,25

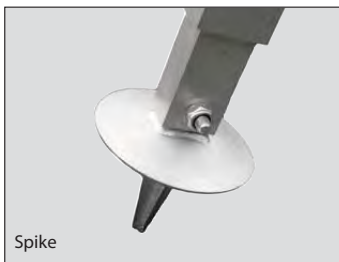
MANHOLE COVER LIFTER



- No more back injuries
- Operation using a ratchet and a spindle: no oil leakage

Order No.	Model	Safe Working Load	Lifting Height	Hook Distance min./max.	Wheel Base	Dimensions Dismantled	Weight
138 100	Manhole Cover Lifter KDH	1,000 kg	250 mm	260 / 980 mm	1,100 mm	1,200 x 300 x 350 mm	31 kg
138 410	Key A						0.3 kg
138 420	Key B						0.3 kg
138 430	Loop						0.6 kg

ALUMINIUM TRIPOD



Spike



Rubber plate



Rubber plate with safety chain



D-250 Mobile



D-1000 with rubber plates and hoist unit

- Light aluminium construction
- Simple transport due to telescopic height adjustment
- Spikes as standard
- Equipped with swivelling suspension eye

Accessories:

- Rubber plates (for solid ground)
- Safety chain (for smooth ground)
- Hoist

Order No.	Model	Carrying Capacity kg	Length Of Support L Min./Max. m	Clearance Height ¹⁾ H Min./Max. m	Spreading Angle ¹⁾ B Min./Max. m	Weight Approx. kg
140 001	D-250	250	1,18 / 1,88	0,94 / 1,58	0,94 / 1,50	10
140 009F	D-250 Mobile	250	1,85 / 3,10	1,46 / 2,57	1,40 / 2,40	36
140 003	D-500	500	1,50 / 2,50	1,15 / 2,05	1,20 / 1,95	17
140 033	D-500/EN795 ²⁾	500	1,50 / 2,50	1,15 / 2,05	1,20 / 1,95	17
140 009	D-503	500	1,76 / 3,00	1,45 / 2,63	1,43 / 2,39	20
140 008	D-1000	1.000	1,78 / 3,00	1,38 / 2,54	1,65 / 2,35	27
140 014	D-1004	1.000	2,25 / 4,00	1,86 / 3,44	1,79 / 3,07	36

²⁾ Permitted for man riding applications up to 150 kg according to EN 795. Equipped with rubber plates and safety chain.

¹⁾ Max. spreading angle (25°)

Suitable man riding rope lifting and lowering equipment available.

ALUMINIUM TRIPOD WITH WINCH



DW-200



DW-1040

- Light aluminium construction with built-in rope winch
- Simple transport due to telescopic height adjustment
- Spikes as standard

Accessories:

- Rubber plates (for solid ground)
- Safety chain (for smooth ground)

All models are equipped with rope winch, crank, rope and swivelling load hook.

For rapid winding/unwinding of the unloaded load the winches are equipped with a direct drum drive and a load drive (except model DW-200). The crank can be removed even in a loaded condition (except model DW-200).

Special designs made of steel tube on request.

Order No.	Model	Carrying Capacity kg	Length Of Support L Min./Max. m	Clearance Height ¹⁾ H Min./Max. m	Total Lifting Height m	Spreading Angle ¹⁾ B Min./Max. m	Rope Lines	Weight Approx. kg
144 200	DW-200	200	1,18 / 1,88	0,94 / 1,58	5,00	0,95 / 1,50	1	20
144 500	DW-500	500	2,10 / 2,50	1,70 / 2,10	5,00	1,50 / 2,00	1	35
144 503	DW-530	500	2,40 / 3,00	2,00 / 2,50	7,00	1,90 / 2,50	1	45
144 577	DW-1000	1.000	2,40 / 3,00	1,90 / 2,40	7,00	1,90 / 2,50	2	45
144 504	DW-1040 ²⁾	1.000	2,85 / 4,00	2,40 / 3,40	7,00	2,20 / 3,00	2	69

¹⁾ Max. spreading angle (25°)

²⁾ For static reasons the upper part of the support with winch is made of galvanised steel.