



PRODUCT LIST



CERTEX
Lifting Products and Services

 AXEL JOHNSON INTERNATIONAL

KS II GRAB

The KS II Grab is a new development in the grab series constructed for contractor work, where there are major demands for digging force, strength and stability.

The KS grab series can be offered as a closed bucket grab or in an open version with detachable side plates, which can be mounted without any use of hand tools.

The grab series are produced in high-strength material and provided with high powered axles and bearings. The grabs are constructed with a low building height and large opening.

Centered under the hydraulic unit, there is placed a suspension for an A hook. Max load 1000 Kg.

The grabs are according to regulations supplied with hosesrupture valve. As an option, a piloted check valve can be offered.



Complete KS grab

Article no.	Qty.	Description	Dimension
21-KS-00-214001	1	KSII 385 G	Closed Bucket
21-KS-00-214002	1	KSII 500 G	Closed Bucket
21-KS-00-214003	1	KSII 700 G	Closed Bucket
21-KS-00-214010	1	KSII 380 GSX	Open Bucket
21-KS-00-214011	1	KSII 500 GSX	Open Bucket
21-KS-00-214012	1	KSII 530 GSX	Open Bucket
21-KS-00-214013	1	KSII 700 GSX	Open Bucket
Fittings for KS II grab			
21-KS-00-214091	1 set	Side plates for open bucket	500 GSX
21-KS-00-214031	1 set	Side plates for open bucket	700 GSX
20-0000-156620	1	Quick changing tube	ø69 140X140
20-0000-156601	1	Quick change shaft	ø69 140X140
21-KS-00-214099	1 set	Load hooks 3500 Kg	Max 3500 Kg
21-T50-156650	1	BSV Rotator T50	Max 5000 Kg
20-0000-380071	1 set	T50 Tubes Grab/rotator	With quick release
20-0000-380008	1 set	T50 Tubes Grab/rotator	Without quick release

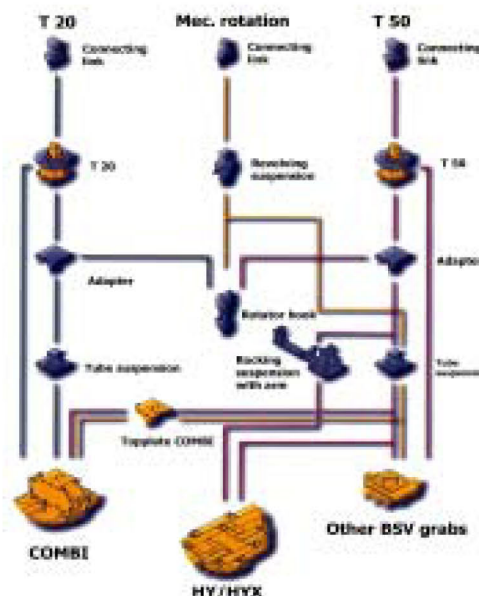
All measures are indicated in mm and all weights in kgs.

*Without side plates

The grabs can as extra equipment be delivered with hooks.

Welded on each side of the main frame. The maximum allowed load is 3500 Kg distributed evenly on the hooks.

Composition plan:

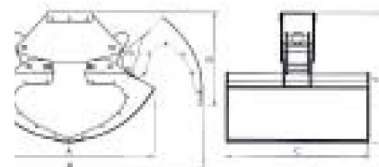


COMBI 722 GRAB

COMBI 722 Hydraulic unit

Article no.	Description
21-COMBI-00-072201	COMBI 722 Hydraulic unit

Prices are in EURO/unit



COMBI 722 Bucket (closed)

Article no.	Description
21-COMBI-31-072215	70 G ltr. bucket
21-COMBI-31-072278C	90 G ltr. bucket
21-COMBI-31-072211	120 G ltr. bucket
21-COMBI-31-072210	200 G ltr. bucket

Prices are in EURO/unit

COMBI 722 Bucket (open)

Article no.	Description
21-COMBI-31-072248B	120 GSX ltr. bucket*
21-COMBI-31-072248A	200 GSX ltr. bucket*

Prices are in EURO/unit

*Without side plates

Side plates for open COMBI 722

Article no.	Description
21-COMBI-TG072248C	1 set side plates for 120+200 GSX bucket

Prices are in EURO/unit

Digging tines for COMBI 722

Article no.	Description
21-00-123703	1 set digging tines of 5 pcs. tines
21-00-123704	1 set digging tines of 9 pcs. tines
21-00-123702	1 pcs. digging tine

Prices are in EURO/unit

COMBI 722 GRAB

Combi 722 Fittings and tools

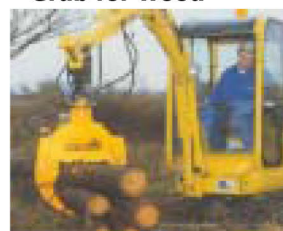
Article no.	Description
21-COMBI-31-072213	Manure arms 90 UNI
21-COMBI-31-072214	Manure arms 120 UNI

Prices are in EURO/unit

Grab for manure



Grab for wood



Article no.	Description
21-COMBI-31-072212	Arms for stacks of wood 0,2 M

Prices are in EURO/unit

Grab for stones

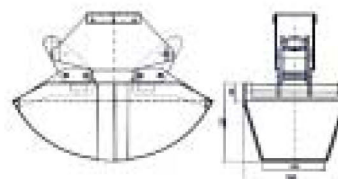


Article no.	Description
21-COMBI-31-072231A	Arms for beams BT
21-COMBI-31-072240A	Arms for stones ST

Prices are in EURO/unit

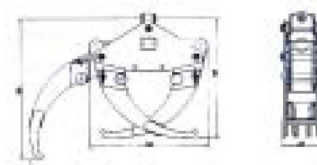
Article no.	Description
21-COMBI-31-072274A	Ditch bucket
	Drawing no.: 072274A

Prices are in EURO/unit



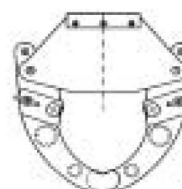
Article no.	Description
21-COMBI-31-072265	Stone bucket w/long arms
	Drawing no.: 072265

Prices are in EURO/unit



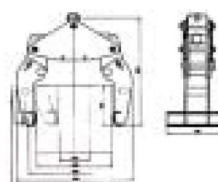
Article no.	Description
21-COMBI-31-072295A	Stone bucket ST-HD
	Drawing no.: 072295A

Prices are in EURO/unit



Article no.	Description
21-COMBI-31-072243	BT-S Arm
	Drawing no.: 072243

Prices are in EURO/unit

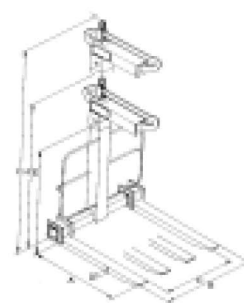


BSV PALLET FORKS

Adjustable - bow and eye standard version

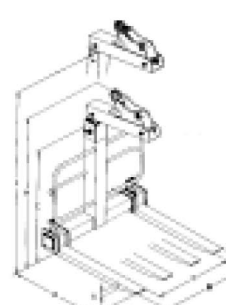
Article no.	Description
24-PG-028202	PG 100/2 SSB tube forks
24-PG-136207	PG 100/2 SSB solid forks
24-PG-213200	PG 120/1,75 SSB tube forks
24-PG-240001	PG 120/3 SSB tube forks
24-PG-240002	PG 120/3 SSB solid forks

Can be offered with lifting eye or rotator fitting.



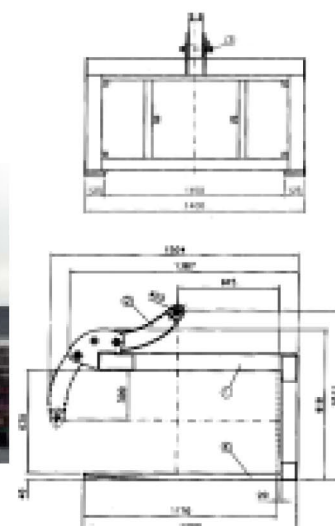
Adjustable-selfbalancing standard version

Article no.	Description
24-PG-028201	PG 100/2-SSB-SBL tube forks



Palletfork for lift plaster packets

Article no.	Description
24-PG-153750	PG 120/1,6 VG



BSV PALLETFORKS

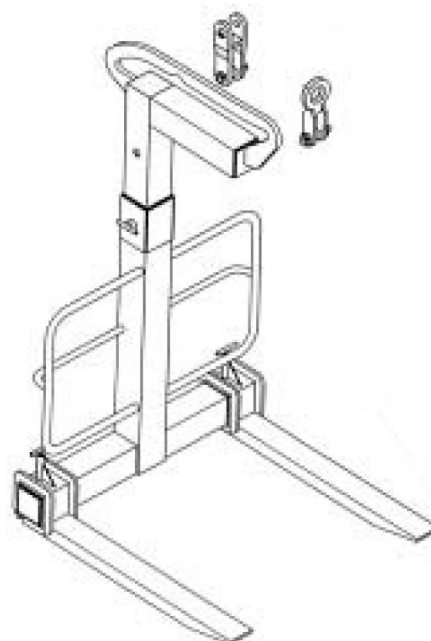
With increased free height for lift of Rockwool insulation material.

VERSION 1 - Palletfork complete with extended gallowpipe

Article no.	Description
24-PG-39-028266K	Palletfork PG100/2-SSB
24-PG-39-213212K	Palletfork PG120/1,75-SSB

VERSION 2 - Palletfork complete with extended gallowpipe

Article no.	Description
24-PG-39-233604K	Palletfork PG120/2-SSB



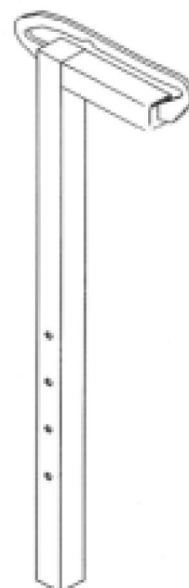
Extended gallowpipe for insulation material etc.

As supplement to the existending BSV adjustable-bow and eye version, we can offer extended gallowpipe for lift of Rockwool insulation material.
The maximum free height from the upper edge of the forks to the lower edge of the head will be 2900mm.

Further more there are 2 lower adjusting possibilities

VERSION 1 - Extended gallowpipe

Article no.	Description
24-PG-39-028266	Extended gallowpipe for PG100/2-SSB
24-PG-39-213212	Extended gallowpipe for PG120/1,75-SSB



Extension of standard fork

Article no.	Description	Free height mm
24-PG-00-213228	Adapter f. PG 120/1,75 and 100/2	2600
24-PG-00-213626	apter f. PG 120/1,75 and 100/3	2900



BSV MECHANICAL SCISSOR GRABS

All models of BSV Mechanical Scissor Grabs are equipped with a patented catch system ensuring a 100 per cent automatic working procedure.

Once the grab has been placed on top of the load, a locking hook is released and the grab holds the load by means of the scissor arms until it is placed in the wanted spot and the grab relieved of its load.

The procedure is then repeated with the next load.

The grabs are supplied with a stop device limiting the closing of the grabs to the minimum span.

The grabs are equipped with replaceable rubber or steel pads and further, many grabs are equipped with replaceable location rollers. Please see specifications.

All grabs are tested in a computerized test bed and supplied together with a test load certificate.

If the grabs are to be applied for high-lift cranes, special regulations for safe-guarding the load must be observed. Safety nets in various designs can be offered.

BSV Lifting Grabs (flags/kerbstones)

Page 1 of 2

Type	A	B	C	D	E	Unit weight	Rubber pad	Max. load (SWL)
406	1.200	400-650	925	490-590	200	125	GS20	1.500
608	1.200	600-850	1.115	510-615	205	140	GS20	1.500
801	1.200	800-1.050	1.335	560-665	245	150	GS20	1.500
203	600	400-650	925	490-590	200	60	GS20	700
304	600	600-850	1.115	510-615	205	70	GS20	700
400	600	800-1.050	1.335	560-665	245	80	GS20	700

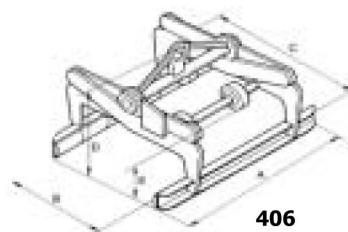
All measures are indicated in mm and all weights in kgs.

Scissor grab, type 801

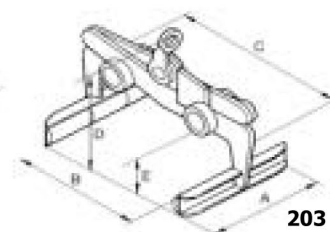


For kerb/paving stones, etc. Here shown with lime sand bricks. The grab has safety bars (extras equipment).

Article no.	Description
23-406/120-00-053101	406/120
23-608-032002	608/120
23-801/120-083320	801/120
23-203/60-053150	203/60
23-304/60-032001	304/60
23-400/60-083350	400/60



406



203

BSV Lifting Grabs (kerbstones/elements)

Type	A	B	C	D	E	Unit weight	Rubber pad	Max. load (SWL)
ET 2469	100	125-150	600	445-545	160	17	GS20sm	100
ET 2468	100	914	1.002	275-400	60	14	RG	100
ET 2474	300	300-1000	1110	275-400	116	35	GS20	300
ET 5-15/300	400	50-150	620	520	150	35	GS20	300
ET 15-35/300	400	150-350	625	600	150	35	GS20	300
ET 5-30/500	600	50-300	1.080	650	200	50	GS20	500
ET 10-38/700	600	100-380	790	650	200	55	GS20	700

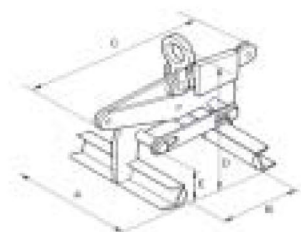
All measures are indicated in mm and all weights in kgs.

Scissor Grab, type ET 5-30/500



Scissor grab for lifting stair elements, footing stones, etc. with max. load of 500 kgs.

Article no.	Description
23-ET12,5/15-246901	ET 2469
23-ET91,4-246801	ET 2468
23-ET30/100-247401	ET 2474
23-ET5/15-103101	ET 5-15/300
23-ET15/35-033001	ET 15-35/300
23-ET5/30-123201	ET 5-30/500
23-ET10/38-063801	ET 10-38/700



BSV MECHANICAL SCISSOR GRABS

BSV Multi Grabs (flags/kerbstones)

Page 2 of 2

Type	A	B	C	D	E	Weight	Rubber pad	Max. load (SWL)
Multi 760/18	1.200	350-1.050	1.280	865	180	250	GS20	1.500
Multi 760/50Z	1.200	400-1.070	1.280	1.150	180-500	300	GS20	1.500

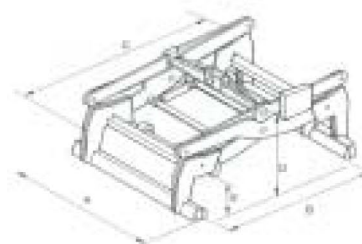
All measures are indicated in mm and all weights in kgs.

Article no.	Description
23-760/18-076040	Multi 760/18
23-760/50-130901	Multi 760/50Z

Scissor Grab,
type Multi 760 Model 50Z



The span of this grab can be adjusted from 400 to 1000 mm and it is available in several height clearance variants. Multigrabs have separate jaw sections so that different lengths of jaw can be used on the same grab.



BSV Lifting Grabs for concrete pipes

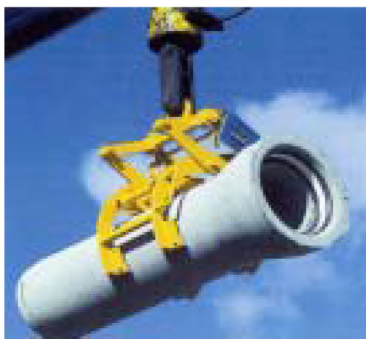
Type	A	B	C	D	E	Weight	Rubber pad	Max. load (SWL)
RB 15/25	100	208-325	510	530	210	21	Steel	250
RB 20/30	410	250-400	625	650	310	50	Steel/RB	500
RB 30/40	410	390-550	740	720	360	65	Steel/RB	600
RB 40/50	410	515-655	900	840	435	85	Steel/RB	900
RB 50/60	410	630-800	1.040	970	580	120	Steel/RB	1.600

All measures are indicated in mm and all weights in kgs.

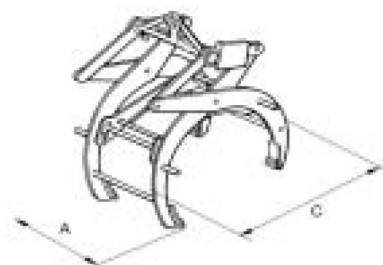
Several models are available with asymmetrical construction of arms, thus enabling lifting of pipes positioned closely side by side.

Article no.	Description
23-RB15/25-174501	RB 15/25
23-RB20/30-022101	RB 20/30
23-RB30/40-016301	RB 30/40
23-RB40/50-016801	RB 40/50
23-RB50/60-016701	RB 50/60

Scissor Grab, type RB



For concrete pipes. Standard grabs to suit pipes from 15 to 60 cm. Special grabs for pipes from 80 to 160 cm.



BSV block clamp type HY

The BSV scissor grab type HY consists of 3 grabs.

HY78-140 and HY40-140S are constructed to 2 ton WLL, the HY40-140 are constructed for 3 ton WLL and are all mounted with piloted check valve.

HY78-140 are fitted with firm jaws.

HY40-140FH and HY40-140-S are fitted with exchangeable jaw sections, which make it possible to use jaws with different lengths.

All jaws are supplied with changeable G3 rubber pads.



HY 78 - 140

Article no.	Description
21-HY78-140-248001	HY78-140 A simple and sturdy grab with one cylinder with span from 780-1.400 mm and adjustable free height from 800 - 1.200 mm.



HY 40 - 140

Article no.	Description
21-HY40-140FH-52804	HY40-140 FH (Fixed Height) A sturdy and tested construction with two cylinders, span from 400-1.400 mm and provided with fixed free height. WLL 3000 Kg



Article no.	Description
21-HY40-140-257500	HY40-140-S (Adjustable height) Double arms version with two cylinders. Synchronized and a span from 400-1.400 mm. The jaw is made as a loose profile which can be changed quickly between various lengths. The free height can be adjusted from 1.100 to 1.700 mm WLL 2000 Kg

New
Not released yet

Jaws for HY 40 - 140 versions

Article no.	Description
21-00-052897	1.000 mm jaws for HY40-140 complete with G3.
21-00-052898	1.200 mm jaws for HY40-140 complete with G3.

BSV ROTATOR

BSV Rotator T20 - 2000 kg.

Technical data	
Article no.	21-T20-180001
Rotation	Continuous
Max. load, kg.	2.000 kg.
Max. torque	310 Nm
Built-in height, no adapter	200 mm.
Max. working pressure	250 bar
Unit weight, kg.	17 kg.



BSV Rotator T50 - 5000 kg.

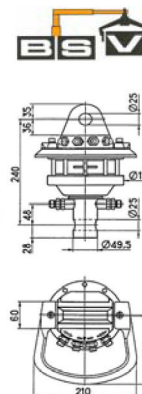
Technical data	
Article no.	21-T50-156650
Rotation	Continuous
Max. load, kg.	5.000 kg.
Max. torque	800 Nm
Built-in height, no adapter	235 mm.
Max. working pressure	250 bar
Unit weight, kg.	28 kg.



BSV ROTATOR

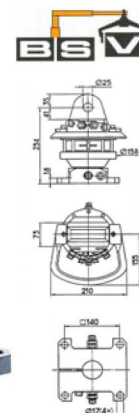
BSV Rotator GR30 - 3.000 kg.

Technical data	
Article no.	28-GR30
Rotation	Unlimited
Max. vertical lift, kg.	3.000 kg.
Turningmoment at 250 (bar)	720 Nm (72 kgm)
Oil flow l/min.	min. 20 l/min.
Unit weight, kg.	16 kg.
Max. pressure (bar)	Rotator ←R→ 250
	Grab G←→ 200
	Grab G→← 300



BSV Rotator GR30 PF - 3.000 kg.

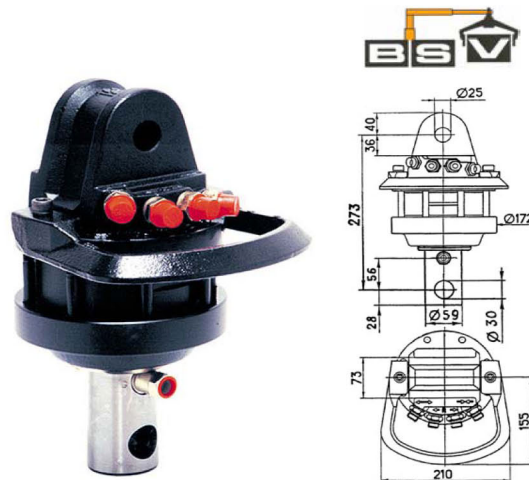
Technical data	
Article no.	28-GR30PF
Rotation	Unlimited
Max. vertical lift, kg.	3.000 kg.
Turningmoment at 250 (bar)	720 Nm (72 kgm)
Oil flow l/min.	min. 20 l/min.
Unit weight, kg.	22 kg.
Max. pressure (bar)	Rotator ←R→ 250
	Grab G←→ 200
	Grab G→← 300



BSV ROTATOR

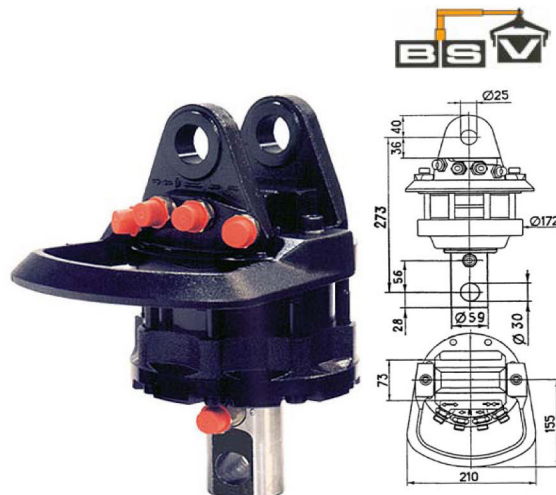
BSV Rotator GR46 - 4.500 kg.

Technical data	
Article no.	28-GR46
Rotation	Unlimited
Max. vertical lift, kg.	4.500 kg.
Turningmoment at 250 (bar)	1.000 Nm (100 kgm)
Oil flow l/min.	min. 20 l/min.
Unit weight, kg.	25 kg.
Max. pressure (bar)	Rotator ← R → 250
	Grab G ← → 200
	Grab G → ← 300



BSV Rotator GR46/68 - 4.500 kg.

Technical data	
Article no.	28-GR46/68
Rotation	Unlimited
Max. vertical lift, kg.	4.500 kg.
Turningmoment at 250 (bar)	1.000 Nm (100 kgm)
Oil flow l/min.	min. 20 l/min.
Unit weight, kg.	26 kg.
Max. pressure (bar)	Rotator ← R → 250
	Grab G ← → 200
	Grab G → ← 300



BSV Rotator GR55 - 5.500 kg.

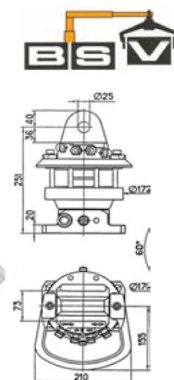
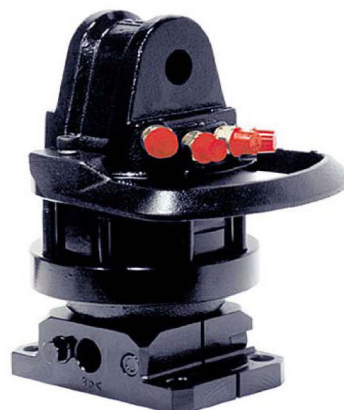
Technical data	
Article no.	28-GR55
Rotation	Unlimited
Max. vertical lift, kg.	5.500 kg.
Turningmoment at 250 (bar)	1.000 Nm (100 kgm)
Oil flow l/min.	min. 20 l/min.
Unit weight, kg.	26 kg.
Max. pressure (bar)	Rotator ← R → 250
	Grab G ← → 200
	Grab G → ← 300



BSV ROTATOR

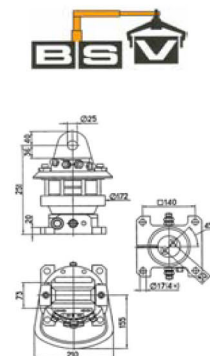
BSV Rotator GR463 - 4.500 kg.

Technical data	
Article no.	28-GR463
Rotation	Unlimited
Max. vertical lift, kg.	4.500 kg.
Turningmoment at 250 (bar)	1.000 Nm (100 kgm)
Oil flow L/min.	min. 20 l/min.
Unit weight, kg.	28 kg.
Max. pressure (bar)	Rotator ←R→ 250 Grab G←→ 200 Grab G→← 300



BSV Rotator GR465 - 4.500 kg.

Technical data	
Article no.	28-GR465
Rotation	Unlimited
Max. vertical lift, kg.	4.500 kg.
Turningmoment at 250 (bar)	1.000 Nm (100 kgm)
Oil flow L/min.	min. 20 l/min.
Unit weight, kg.	29 kg.
Max. pressure (bar)	Rotator ←R→ 250 Grab G←→ 200 Grab G→← 300



ACCESSORIES FOR BSV PRODUCTS

Tube suspension



Article no.	Description	Dimension
20-0000-177601	Tube suspension	Ø50 120X120
20-0000-156623	Tube suspension	Ø50 140X140
20-0000-156620	Tube suspension	Ø69 140X140
20-0000-156625	Tube suspension	Ø75 140X140
20-0000-156630	Tube suspension	Ø60 140x140
20-0000-177605	Tube suspension	Ø60 120x120

The prices are in EURO/unit

Adapter



Article no.	Description	Dimension
20-0000-156624	Adapter	Ø75 140x140
20-0000-156601	Adapter	Ø69 140x140
20-0000-177701	Adapter	Ø50 120x120

The prices are in EURO/unit

Rotator hook



Article no.	Description	Dimension
20-0000-053006	Rotator hook	Bane dist. 52mm/Ø25
20-0000-053007	Rotator hook	Ø70xØ25/Ø30

The prices are in EURO/unit

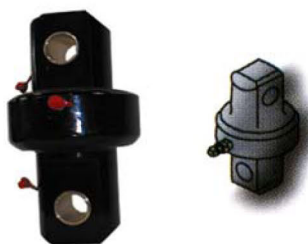
Rocking suspension



Article no.	Description	Dimension
20-0000-031033	Rocking suspension	Bottom plate 140X140
20-0000-175801	Rocking suspension	Bottom plate 120X120

The prices are in EURO/unit

Revolving suspension



Technical data	
Article no.	20-0000-021901
Max. rotation	Continuous
Fitting holes	30 mm.
Bush for fitting holes, mm.	30/25X50
Built-in height, mm.	120 mm.
Unit weight, kg.	7 kg.
Max. load, kg.	3,500 kg.

ACCESSORIES FOR BSV PRODUCTS

Connection link for crane

Pic. 1



Pic. 2



Please inform which type of connecting link you wish

Pic. 1

If there are 2 banes on the crane which we have to fit between.

Pic. 2

If there is a block on the crane which we have to fit around.

Suitable for Rotor T20

Article no.	Dimension	Crane type
20-0000-177201	Ø30X69 Fig 1	Diverse
20-0000-177202	Ø40X60 Fig 1	Diverse
20-0000-177204	Ø45X76 Fig 1	Hiab
20-0000-177203	Basis link	Basis link

The prices are in EURO/unit.



Suitable for Rotor T50

Article no.	Dimension	Crane type
20-0000-155401	Ø30X69 Fig 1	Diverse
20-0000-155402	Ø40X60 Fig 1	Diverse
20-0000-155403	Ø40X96 Fig 1	Diverse
20-0000-155404	Ø45X76 Fig 1	Hiab
20-0000-155405	Ø30 Fig 2	Palfinger
20-0000-155407	Basis link	Basis link

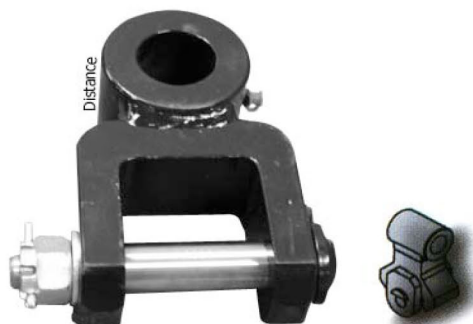
The prices are in EURO/unit.



ACCESSORIES FOR BSV PRODUCTS

Connection link for crane

Pic. 1



Pic. 2



Please inform which type of connection link you wish

Pic. 1

If there are 2 banes on the crane which we have to fit between.

Pic. 2

If there is a block on the crane which we have to fit around.

Suitable for GR 30

Article no.	Dimension	Crane type
20-GR30-239404	Ø30X69	Diverse
20-GR30-239405	Ø40X60	Diverse
20-GR30-239407	Ø45X78	Hiab
20-GR30-239400	Basisled	Basisled

The prices are in EURO/unit.

Suitable for GR 50

Article no.	Dimension	Crane type
20-GR55-239303	Ø30X69	Diverse
20-GR55-239304	Ø40X60	Diverse
20-GR55-239305	Ø40X96	Diverse
20-GR55-239306	Ø45X76	Hiab
20-GR55-239308	Ø30x70	Palfinger
20-GR55-239300	Basisled	Basisled

The prices are in EURO/unit.



MTR 30



MTR 55

Accessories for BSV Products

Lifting eye



Article no.	Description
20-0000-042901	Lifting eye

Rotator fittings



Article no.	Description
20-0000-083501	Rotator fittings

Rotator fittings with tube dia. Ø70 x 30



Article no.	Description
20-0000-102601	Rotator fittings with tube dia. Ø70 x 30

HOSE KIT



Rotator/Crane (Pic. 1)

Article no.	Description	Dimension
20-0000-380050	Hose kit 1000 MM	M14X1,5 with quick release coupling 1/2"
20-0000-380051	Hose kit 1000 MM	M18X1,5 with quick release coupling 1/2"
20-0000-380052	Hose kit 1200 MM	M14X1,5 with quick release coupling 1/2"
20-0000-380053	Hose kit 1200 MM	M18X1,5 with quick release coupling 1/2"
20-0000-380060	Hose kit 1000 MM	M14X1,5 with quick release coupling 3/8"
20-0000-380061	Hose kit 1000 MM	M18X1,5 with quick release coupling 3/8"
20-0000-380062	Hose kit 1200 MM	M14X1,5 with quick release coupling 3/8"
20-0000-380063	Hose kit 1200 MM	M14X1,5 with quick release coupling 3/8"
20-0000-380054	Hose kit 1000 MM	M14X1,5 without quick release coupling 1/2"
20-0000-380055	Hose kit 1000 MM	M18X1,5 without quick release coupling 1/2"
20-0000-380056	Hose kit 1200 MM	M14X1,5 without quick release coupling 1/2"
20-0000-380057	Hose kit 1200 MM	M18X1,5 without quick release coupling 1/2"

The prices are in EURO/unit.

Rotator/Grab (Pic. 2)

Article no.	Description
20-0000-380005	Hose kit T20/COMBI 722
20-0000-380008	Hose kit T50/SHVA/KS

The prices are in EURO/unit.