

BRICK STACK GRAPPLES

The technically advanced brickstack grapples are the ideal attachments for the handling of palletized as well as unpaletted goods. Compared to the classic pallet fork, the unloading time, for example of a building material transporter, can be significantly reduced. The adjustable plunge depths and the optimized opening widths make it possible to load individual concrete elements as well as complete brick pallets. Due to the low-wear rubber inserts in the pressure rails, the pliers are particularly easy to maintain.



PARALLEL OPENING

Versatile

PZS

- Highest security
- Fixed or adjustable plunge depths
- Due to the large number of different pressure rails, the brick stack grapple can be perfectly matched to the material to be manipulated.



F Brick stack grapples



SCISSOR OPENING

Compact
PZS-S

- Compact design
- Fixed plunge depth
- Versatile use with opening widths from 40 - 1500 mm
- Pick up of single stones and big bags possible



PARALLEL OPENING

Simple
PZS321

- Simple, robust construction
- Flexibility because of adjustable plunge depth

Attention!

Not released for the CE countries.

BRICK STACK GRAPPLES

CONFIGURATION OPTIONS



OPTION	DESCRIPTION	CODE	PZS		
Basic data	Working pressure max. [bar]		370		
	Overpressure protection		●		
	Recommended rate of flow [l/min]		25 – 75		
			Load capacity [kg]**	Opening width [mm]	Weight [kg]
Plunge depth	Fix				
	850 mm	FIX085	○ 2200	400 – 1400	240
	1000 mm	FIX100	○ 2000	400 – 1400	250
	1300 mm	FIX130	○ 1600	400 – 1400	260
	Variable				
	1100 / 1650 mm	VAR165	○ 1900 / 1350	400 – 1400	295
Additional equipment	Opening width 1800 mm	OW1800		○	
	Pendulum brake	PENDLB		○	
	Tilting device for reducing the vehicle height	UKV		○	
	Height reduction link for reducing the vehicle height	KA		○	
	Spring-loaded guide rails to stabilize the upper row of stones	2RO-PK		○	
	Gripping width narrowing by 200 mm	SGRAIL		○	
	adapter for concrete pipes	GV200		○	
	Special color	ADRING		○	
	Sonderfarbe	RAL_____		○	
	Compression rail set	With smooth rubber insert	A29	720 ○	length 1000 ●
Spring-loaded guide rails for stabilizing the top layer of the stack		A32	--	○	○
With two rubber inserts blocked out at the top, smooth at the bottom		A39	○	○	○
Crane connection*		FLANGE		○	Weight [kg] 39
		SHAFT		○	40
		PRE-SHAFT		○	3
		SHAFT-HOOK		○	12
		PRE-QUICK QUICK-KIT		○ ○	7 12
		QUICK-HOOK		○	7
		QUICK-KIT		○	12
		QUICK-HOOK		○	7
		QUICK-KIT		○	12
		QUICK-HOOK		○	7



● Standard ○ Optional -- Not available * Details see page 27 ** Depending on the condition of the load (size, bundling, surface)



ADDITIONAL EQUIPMENT

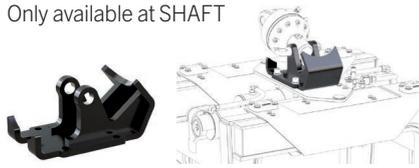
OW1800 Opening width 1800 mm

Increasing the opening width from 1400 mm to 1800 mm



UKV Tilting device

To reduce the total vehicle height.
Only available at SHAFT



ADRING Adapter for concrete pipes

with diameter from 800 – 1350 mm



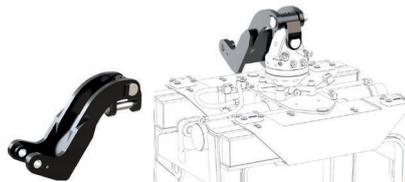
PENDLB Pendulum brake

The pendulum brake dampens the swinging of the crane tool



KA Height reduction link

To reduce the total vehicle height.

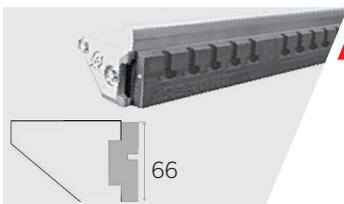


[RAL____] Special color RAL

Color different from standard color RAL7001



COMPRESSION RAIL SET



A29

With smooth rubber
Ideal for pallets and brick packages

66



A39

Blocked out with two rubber inserts at the top, smooth at the bottom
Ideal for pallets and brick packages

81



A32

Slat rails with lever lock and individually guided clamps
Ideal for paving stones

BRICK STACK GRAPPLER CONFIGURATION OPTIONS



OPTION	DESCRIPTION	CODE	PZS-S			PZS321 (NON-CE)		
Basisdaten	Working pressure max. [bar]		370			210		
	Overpressure protection		●			●		
	Recommended rate of flow [l/min]		25 – 75			25 – 75		
			Load capacity [kg]Opening width [mm] Weight [kg]			Load capacity [kg]Opening width [mm]Weight [kg]		
Plunge depth	Fix							
	1000 mm	FIX100	○ 2000	220 – 1420	315	--		
	1100 mm	FIX110	○ 2000	160 – 1450	320	--		
	1200 mm	FIX120	○ 1800	98 – 1475	325	--		
	1300 mm	FIX130	○ 1600	40 – 1500	330	--		
	Variable							
	790 – 1310 mm	VAR131	--			● 2000 – 1500	780 – 1400	401
Additional equipment	weld-on hook (4 pcs.)	WHOOK04		○		--		
	Pendulum brake	PENDLB		○		○		
	Tilting device for reducing the vehicle height	UKV		○		○		
	Height reduction link for reducing the vehicle height	KA		○		○		
	hydraulic plug in couplings	2RO-PK		○		○		
	Special color	RAL_----		○		○		
Compression rail set	With smooth rubber insert	A40	720	Length [mm] 1000	1250	Length [mm]		
	With three-piece smooth rubber insert		--	●	○	--		
Crane connection*								
		FLANGE	○		39	○		39
		SHAFT	○		40	○		40
		PRE-SHAFT	○		3	○		3
		SHAFT-HOOK	○		12	○		12
		PRE-QUICK	○		7	○		7
		QUICK-KIT	○		12	○		12
		QUICK-HOOK	○		7	○		7



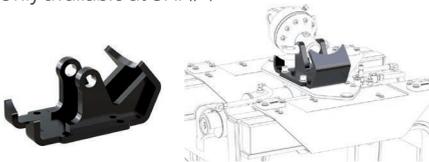
● Standard ○ Optional -- Not available * Details see page 27 ** depending on the condition of the load (size, bundling, surface)



ADDITIONAL EQUIPMENT

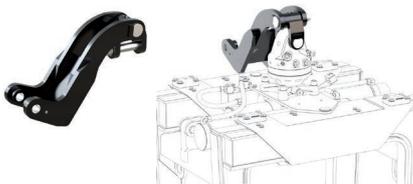
UKV Tilting device

To reduce the total vehicle height.
Only available at SHAFT



KA Height reduction link

To reduce the total vehicle height.



WHOOK04 Welding hooks

4 pcs. Welding hooks for hanging slings or chains.
(Max. load per hook is 1000 kg)



PENDLB Pendulum brake

The pendulum brake dampens the swinging of the crane tool.



RAL_____ Special color RAL

Color divergent from standard color RAL 7001.

