

GRAPPLES

The classic crane tool. Regardless of whether handling or easy digging – we offer the right grab for every application. Proven technology ensures high reliability and efficiency.

A multitude of options also gives you the opportunity to optimally equip your grapple to your daily requirements.



HPX GRAPPLE

The all-rounder

- Universal clamshell grab for daily use
- Easy shell changing within 10 min
- Constant clamping force over the entire gripping process
- Low maintenance
- Longer life at lower operating costs
- No protruding components



DIGGING GRAPPLE

Solid

- Maximum loading height due to compact design
- Very good immersion behavior due to optimized shell geometry
- Long life due to high strength cutting edge material

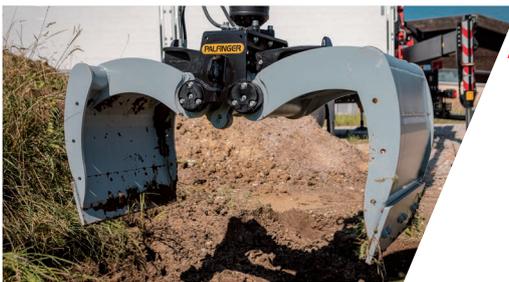
SPECIAL GRAPPLES

Individually

In addition to the standard models, Palfinger offers a large number of special solutions on request.

Grapple for Z-crane





UNIVERSAL GRAPPLE

Versatile

- Clamshell grab with laterally open shells for universal use.
- For simple digging, the handling of both bulk and bulky goods



HIGH VOLUME CLAMSHELL BUCKET

Fast

- The clamshell bucket for all handling operations
- Good accessibility allows lateral filling by hand
- High turnover rate

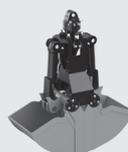
Rail grapples



Orange peel grapple



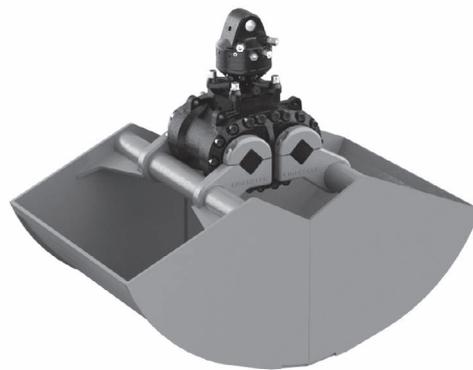
Grapples with vertical cylinders



Grapples for small cranes



HPX-GRAPPLE CONFIGURATION OPTIONS



HPX – DRIVE UNIT

OPTION	DESCRIPTION	CODE	HPX	HPX hd
Basic data	Load capacity [kg]		3000	3000
	Working pressure max. [bar]		320	320
Additional equipment	Overpressure protection		●	--
	Recommended rate of flow [l/min]		40 – 75	40 – 75
	Closing force max. [kN]		20	30
	Weight [kg]		160	195
	Central hook		CENTH	<input type="checkbox"/>
Grab extension		GREX	length [mm]	
			<input type="checkbox"/>	<input type="checkbox"/>

HPX – CRANE CONNECTION

FHPX
For the operation of an additional device



SHAFT
Ideally suited for the operation of several additional devices



PRE-SHAFT



QUICK-KIT



SHAFT-HOOK



QUICK-HOOK






HPX – EXCHANGEABLE SHELLS

OPTION	DESCRIPTION	CODE	HPX		HPX hd				
CLAMSHELL BUCKETS									
Nominal volume		095 L	G095	○	90	400	--	--	
		150 L	G150	○	120	600	--	--	
		200 L	G200	○	130	400	○	140	400
		250 L	G250	○	145	500	○	170	500
		325 L	G325	○	160	600	--	--	
		350 L	G350	○	165	650	○	200	650
		450 L	G450	○	180	800	○	225	800
		550 L	G550	--	--	--	○	265	1000
UNIVERSAL CLAMSHELL BUCKETS									
Nenninhalt		250 L	U250	○	215	570	--	--	
		300 L	U300	○	235	670	○	240	670
		400 L	U400	○	255	820	○	260	820
		450 L	U450	--	--	--	○	275	920
		500 L	U500	○	285	1020	○	295	1020
Additional equipment*	Screwable excavator teeth	DTEETH**	--	--	--	--	--		
	Scrapers	EJECT	○			○			
	wear plates	WEARE	○			○			
	weld-on hook	WHOOK02	○			○			
	hydraulic plug in couplings	2RO-PK	○			○			
	rail adapter	P-CRAIL	○			○			
	compression rails	CRAIL	○			○			
	side plates (only for universal shells)	SWALL	○			○			
	Special color RAL	RAL_____	○			○			
FURTHER SHELLS									
Hay and forest		0,20 m ²	H020	○	95	670	--	--	
		0,40 m ²	H040	○	160	940	○	195	940
Rock		0,16 m ²	S016	○	75	400	--	--	
		0,35 m ²	S035	--	--	--	○	135	400
Timber		0,16 m ²	T016	○	75	400	○	90	400

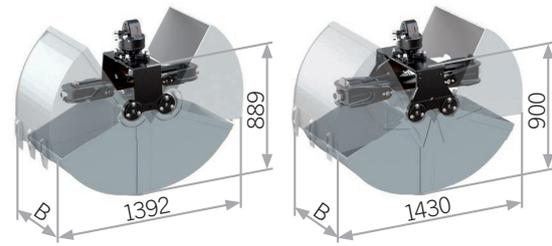
● Standard ○ Optional -- Not available * Details see page 28

** Standard on clamshell buckets

GRAPPLE

CONFIGURATION

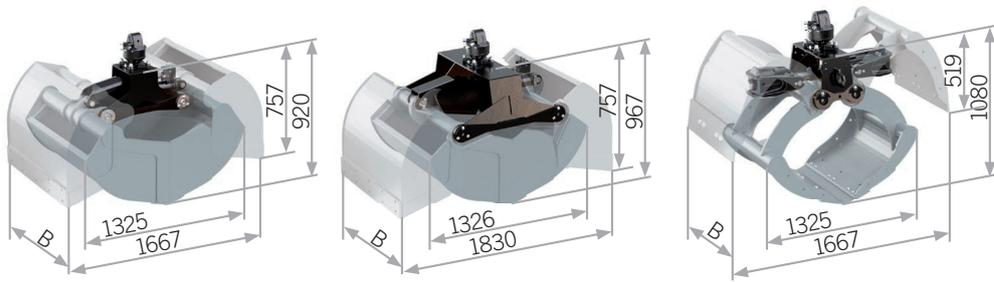
OPTIONS



OPTION	DESCRIPTION	CODE	DIGGING GRAPPLE			
			PZG-G		PZG-G hd	
Basic data	Load capacity [kg]		3000		3000	
	Working pressure max. [bar]		320		320	
	Overpressure protection		--		--	
	Recommended rate of flow [l/min]		40 – 75		40 – 75	
	Closing force max. [kN]		20		30	
Nominal volume	150 L	CAP150	○ 185	325	--	
	200 L	CAP200	○ 195	400	○ 265	400
	250 L	CAP250	○ 220	500	○ 285	500
	300 L	CAP300	--		--	
	350 L	CAP350	○ 240	650	○ 310	650
	400 L	CAP400	--		--	
	450 L	CAP450	○ 275	800	○ 340	800
	500 L	CAP500	--		--	
	550 L	CAP550	○ 290	1000	○ 375	1000
	600 L	CAP600	--		--	
	650 L	CAP650	--		○ 410	1200
	1000 L	CAP1000	--		--	
	Additional equipment	Screwable excavator teeth	DTEETH		●	
Scrapers		EJECT		○		○
wear plates		WEARE		○		○
weld-on hook		WHOOK02		○		○
hydraulic plug in couplings		2RO-PK		○		○
compression rails		CRAIL		○		○
side plates		SWALL		--		--
Special color RAL		RAL__		○		○
Crane Connection*				Weight [kg]		Weight [kg]
		FLANGE	○	39	○	39
		SHAFT	○	40	○	40
		PRE-SHAFT	○	3	○	3
		SHAFT-HOOK	○	12	○	12
		PRE-QUICK	○	7	○	11
		QUICK-KIT	○	12	○	18
		QUICK-HOOK	○	7	○	14



● Standard ○ Optional -- Not available * Details see page 27



HIGH VOLUME CLAMSHELL BUCKET

UNIVERSAL GRAPPLE

ADDITIONAL EQUIPMENT

PZG-S

PZG-S *hd*

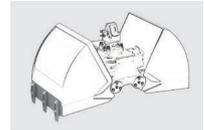
PZG-U

3000		3000		3000	
320		320		320	
●		●		--	
40 – 75		40 – 75		40 – 75	
20		28		28	
Weight [kg]	Overall width [mm]	Weight [kg]	Overall width [mm]	Weight [kg]	Overall width [mm]
--		--		--	
--		--		--	
--		--		○ 340	570
○ 315	640	○ 370	500	○ 355	670
--		--		--	
○ 345	800	○ 430	800	○ 380	820
--		--		○ 390	920
○ 370	1000	○ 475	1000	○ 410	1020
--		--		--	
--		--		○ 440	1220
--		○ 515	1200	--	
--		○ 595	1200	--	
○		○		○	
--		--		--	
○		○		●	
●		●		●	
○		○		○	
○		○		○	
--		--		○	
○		○		○	
Weight [kg]		Weight [kg]		Weight [kg]	
○ 39		○ 39		○ 39	
○ 40		○ 40		○ 40	
○ 3		○ 3		○ 3	
○ 12		○ 12		○ 12	
○ 7		○ 11		○ 11	
○ 12		○ 18		○ 18	
○ 7		○ 14		○ 14	

DTEETH

Excavator teeth

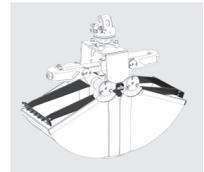
Easy to change, screwable excavator teeth



EJECT

Ejector

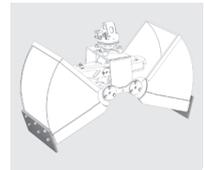
Ejectors automatically clean, during the opening process, the insides of the shells of adhering materials, such as e.g. clay.



WEARE

Wear edges

To protect the horizontal cutting edges.



WHOOK02

Welding hooks

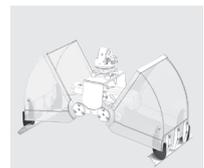
For hanging slings or chains. Max. load per hook is 1000 kg



CRAIL

Compression rails

for loading plates, curbs or similar



P-CRAIL

Adapter for compression rails

allows the fixing of the compression rails.

compression rails set
CR072 (length 720 mm)
CR100 (length 1000 mm)



SWALL

Sidewalls

Additional sidewalls screwed



RAL_____

Special color RAL

Color different from standard color RAL7001

