

EUROPE PREMIUM EQUIPMENT

PALFINGER

LIFETIME EXCELLENCE

**COMBINED WITH PREMIUM EQUIPMENT,
THE PALFINGER CRANE BECOMES A
MULTIFUNCTIONAL TOOL**



LIFETIME EXCELLENCE

THE **PALFINGER EQUIPMENT CENTER** OFFERS AN EXTENSIVE RANGE OF ATTACHMENTS – EQUIPPED WITH THE APPROPRIATE ATTACHMENT, THE CRANE BECOMES A **MULTI-FUNCTIONAL MACHINE** AND WORKS **COST-EFFECTIVELY**

BETTER
SOLUTIONS

BETTER
EFFICIENCY

BETTER
ERGONOMICS

HIGHER VALUE
RETENTION



HIGHER
AVAILABILITY

HIGHER
SERVICEABILITY

BETTER
ECOLOGY

MORE
RELIABILITY



EFFICIENCY AND MAXIMUM QUALITY FOR CUSTOMER SUCCESS



-
- Wide range of products for any application
 - One stop – a single contact for both crane and equipment
 - PALFINGER warranty & service
 - Highest product quality thanks to the cooperation with well-established suppliers



ROTATOR PACKAGES



- Complete package including the rotator, suspension, connecting hoses and a hook
- Includes pressure relief valve for safe operation
- Precise start and stop behaviour even at maximum load – counter steering when moving long goods is not necessary

TECHNICAL SPECIFICATIONS

Type	Load capacity (kg)	Torque (Nm)	Deflection moment max. (Nm)	Self weight (kg)
PZR300GPK	3000	450	1750	39
PZR450GPK	4500	850	3000	45
PZR601GPK	6000	1000	4500	63

PLEASE NOTE:

Other types of rotators are available on request.

TRUCK CRANE REQUIREMENTS

Operating pressure 320 bar
 Pump capacity 25 – 60 l/min
 One hydraulic function on the crane



Link



Rotator



Hook

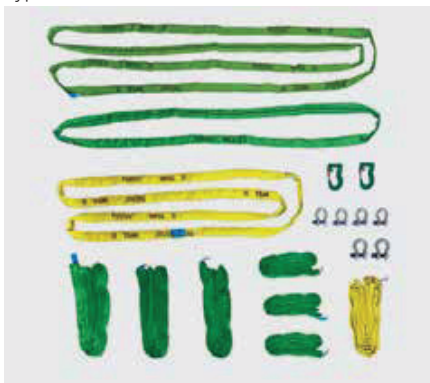
STARTER PACKAGES



- Complete sets for the easy and quick handling of different loads with the PALFINGER crane
- Maximum safety and service life due to the use of products with the highest quality
- All packages include a nice surprise gift from PALFINGER

STARTER PACKAGE

Type: PZ-STARTER



4 roundslings - 2 t - length 2 m
 4 roundslings - 2 t - length 4 m
 2 roundslings - 3 t - length 3 m
 4 bow shackles high strength TF 3250 kg
 4 bow shackles high strength TF 4750 kg
 2 load hooks for roundslings - 2 t
 + surprise gift - PALFINGER

BASIC PACKAGE

Type: PZ-BASIC



1 chain sling 3,55 t - 4,5 m - reducible
 4 roundslings - 2 t - length 2 m - 3-layer
 4 roundslings - 2 t - length 4 m - 3-layer
 2 roundslings - 3 t - length 3 m - 3-layer
 2 roundslings - 4 t - length 3 m - 3-layer
 4 bow shackles high strength TF 3250 kg
 4 bow shackles high strength TF 4750 kg
 2 bow shackles high strength TF 6500 kg
 + surprise gift - PALFINGER

PREMIUM PACKAGE

Type: PZ-PREMIUM



2 chain slings 3,55 t - 4,5 m - reducible
 4 roundslings - 2 t - length 2 m - 3-layer
 4 roundslings - 2 t - length 4 m - 3-layer
 2 roundslings - 3 t - length 3 m - 3-layer
 2 roundslings - 4 t - length 3 m - 3-layer
 4 bow shackles high strength TF 3250 kg
 4 bow shackles high strength TF 4750 kg
 2 bow shackles high strength TF 6500 kg
 2 load hooks for roundslings - 2 t
 2 load hooks for roundslings - 3 t
 2 lifting belts - 3 t, length 5 m
 + surprise gift - PALFINGER

BRICK STACK GRAPPLES



- Complete package including brick stack grapple, rotator, hoses, link, compression rails, pressure relief valve and non-return valve for each needed application
- Easy handling due to the synchronised function of the clamping arms and the integrated pressure relief valve
- Long service life thanks to the generously dimensioned bearing system
- High efficiency due to the versatile setting of depth and width

TECHNICAL SPECIFICATIONS

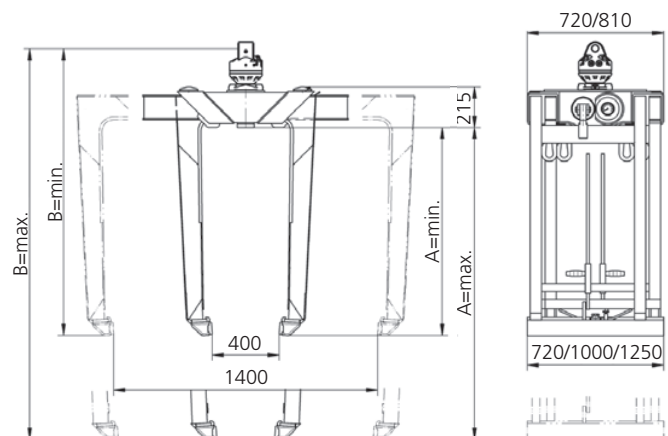
Type	Plunge depth A (mm)	Load capacity at min./max. plunge depth (kg)	Gripping min./max. (mm)	Height B (incl. rotator) (mm)	Self weight (kg)
PZS110V-1PK incl. PZR450GF	1100 – 1650	1900 – 1350	400 – 1400	1315 – 1865	355
PZS110V-1P incl. PZR450G-68 and tilting device PZSUKW	1100 – 1650	1900 – 1350	400 – 1400	1315 – 1865	355
PZS110V-1PS incl. PZR450G-68 and quick change system PZZR450SV-PK	1100 – 1650	1900 – 1350	400 – 1400	1315 – 1865	355

TRUCK CRANE REQUIREMENTS

Operating pressure 200 – 260 bar
 Pump capacity 25 – 75 l/min
 Two hydraulic functions on the crane

PLEASE NOTE

The load capacity listed depends on the integrity of the load (the surface conditions, the size and type of banding). The load capacity does not apply to stacks of low-profile and unbundled concrete and paving stones.



HPX GRAPPLES



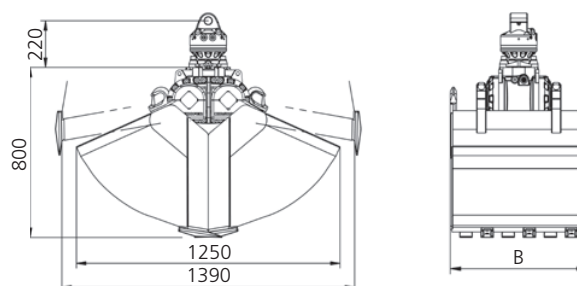
- Complete package including the clamshell bucket with bolt-on teeth, rotator, link, hoses and pressure relief valve
- Longer service life due to the intelligent design and secured system
- Perfect tool for digging thanks to the innovative, constant high closing force of 19 kN at 260 bar operating pressure
- Savings in time and money through the use of a completely maintenance-free system
- Solution for a big variety of applications due to the interchangeability of the shells

TECHNICAL SPECIFICATIONS

Type	Volume (litre)	Width B (mm)	Number of teeth	Load capacity (kg)	Self weight (kg)
PZG04-200-GF	200	400	4	3000	290
PZG04-250-GF	250	500	4	3000	305
PZG04-325-GF	325	600	6	3000	320
PZG04-350-GF	350	650	6	3000	325
PZG04-450-GF	450	800	6	3000	340

TRUCK CRANE REQUIREMENTS

Operating pressure 260 – 320 bar
 Pump capacity 25 – 75 l/min
 Two hydraulic functions on the crane



EXCHANGEABLE SHELLS ON REQUEST



You can get detailed information on the diverse types of exchangeable shells from your local PALFINGER dealer.

CLAMSHELL BUCKETS



- Complete package including the clamshell bucket with bolt-on teeth, flange rotator, suspension and hoses
- Long service life thanks to the high quality steel (500 HB) and a generously dimensioned bearing system
- Excellent digging characteristics thanks to the high closing force of 20 kN at 260 bar operating pressure
- Maximum loading height realised by the compact design with the horizontally positioned cylinder

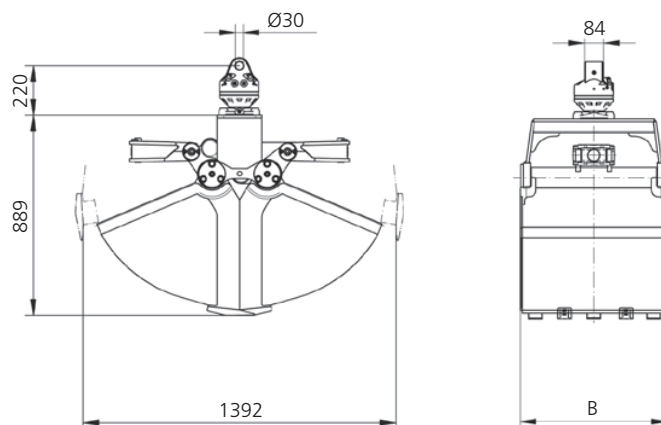
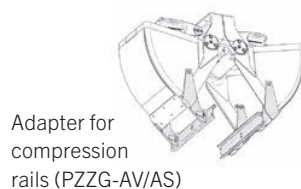
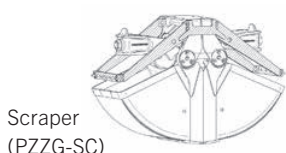
TECHNICAL SPECIFICATIONS

Type	Volume (litre)	Width B (mm)	Number of teeth	Load capacity (kg)	Self weight (kg)
PZG150GPK	150	325	3	3000	210
PZG250GPK	250	500	5	3000	255
PZG350GPK	350	650	5	3000	275
PZG450GPK	450	800	9	3000	310
PZG550GPK	550	1000	9	3000	345

TRUCK CRANE REQUIREMENTS

Operating pressure 260 – 320 bar
 Pressure limitation 320 bar
 Pump capacity 25 – 75 l/min
 Two hydraulic functions on the crane

ACCESSORIES ON REQUEST



PLEASE NOTE:
 You can get detailed information on the diverse types from your local PALFINGER dealer.

HIGH VOLUME CLAMSHELL BUCKETS



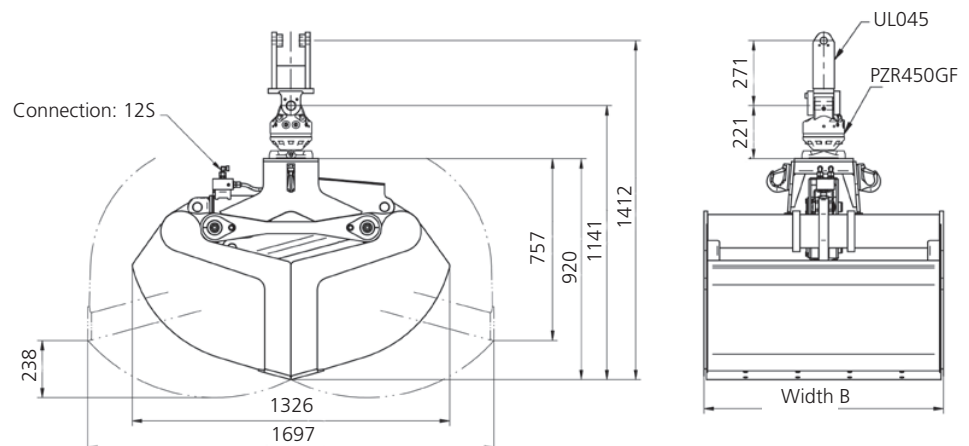
- Complete package including the clamshell bucket with welded hooks, flange rotator, suspension and hoses
- Ideal for handling bulk materials and it is able to accomplish light digging operation
- High stability and torsion-free frame thanks to the reinforced buckets and a generously dimensioned bearing system
- Efficient handling with high closing forces of 20 kN at 260 bar operating pressure

TECHNICAL SPECIFICATIONS

Type	Volume (litre)	Width B (mm)	Load capacity (kg)	Self weight (kg)
PZG300S-1P	300	640	3000	350
PZG400S-1P	400	800	3000	380
PZG500S-1P	500	1000	3000	405

PLEASE NOTE:

Other types of clamshell buckets are available on request.



TRUCK CRANE REQUIREMENTS

Operating pressure 200 – 320 bar
 Pump capacity 35 – 75 l/min
 Two hydraulic functions on the crane

UNIVERSAL BUCKETS



- Complete package including the universal bucket with welded hooks and wear plates, flange rotator, suspension and hoses
- Ideal solution for handling bulky material as well as for digging tasks
- Higher efficiency due to the high closing force of 28 kN at 260 bar operating pressure
- Safe working conditions thanks to the use of an integrated non-return valve

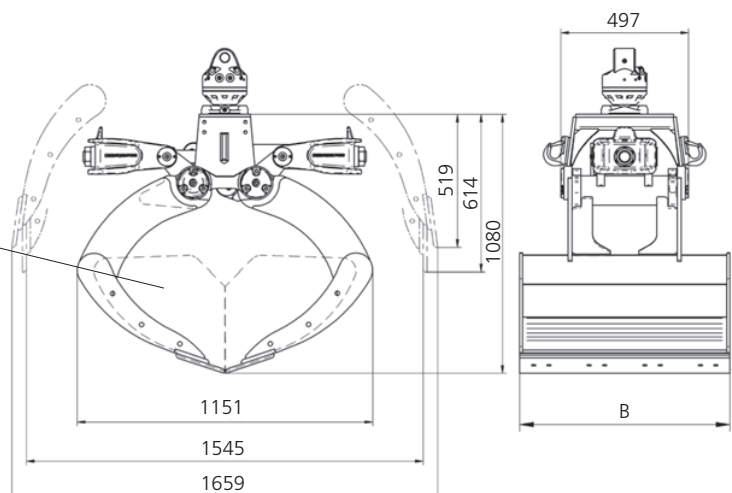
TECHNICAL SPECIFICATIONS

Type	Volume (litre)	Width B (mm)	Number of teeth	Load capacity (kg)	Self weight (kg)
PZG250UP	250	570	5	3000	375
PZG300UP	300	670	5	3000	390
PZG400UP	400	820	7	3000	415
PZG450UP	450	920	7	3000	425

PLEASE NOTE:

Other sizes of universal buckets are available on request.

PZU010-SW side plates,
10 mm, bolted,
for light digging
tasks are available
on request



TRUCK CRANE REQUIREMENTS

Operating pressure 260 – 320 bar
Pressure limitation 320 bar
Pump capacity 25 – 75 l/min
Two hydraulic functions on the crane

PALLET FORKS FOR HOOK OPERATION



- The easy shifting of the collar by using a panel enables the handling of different loads
- Multifunctional use because of the easily adjustable throat height and tine spread
- Robust and economic product for handling palletised goods
- The lightweight version enables greater operating ranges

TECHNICAL SPECIFICATIONS

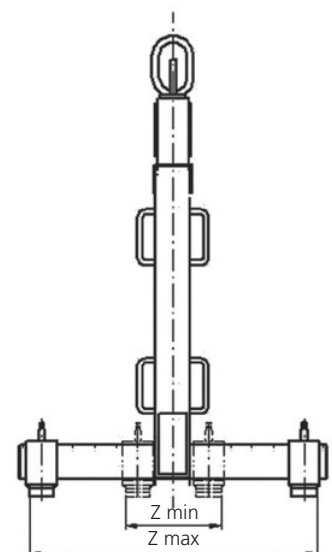
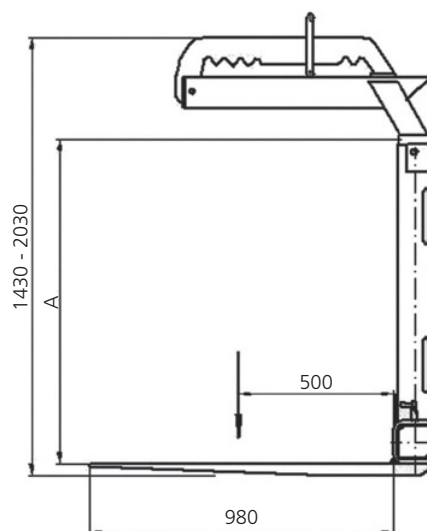
Type	Load capacity (kg)	Throat height A (mm)	Tine spread Z (mm)	Self weight (kg)
PZP150	1500	1050 - 1650	325 – 920	120
PZP200	2000	1050 - 1650	345 – 940	130

Scope of delivery: Pallet fork and protection chain

EXTENSION ON REQUEST



For throat heights
from 1750 to 2350 mm
(PZPEX750-1)



PLEASE NOTE:

You can get detailed information on the diverse types from your local PALFINGER dealer.

PALLET FORKS FOR ROTATOR AND HOOK OPERATION



- Complete package including the pallet fork, rotator, suspension, connecting, hoses and a protection chain
- The easy and infinitely variable change of position of the shifting collar by the operator enables the handling of different loads
- Easily adjustable throat height and tine spread
- Easy positioning of the load due to the included rotator

TECHNICAL SPECIFICATIONS

Type	Load capacity (kg)	Throat height A (mm)	Tine spread Z (mm)	Self weight (kg)
PZP200MF-FP*	2000	1050 – 1820	330 – 930	189
PZP200MF-WP**	2000	1050 – 1820	330 – 930	189
PZP250MF-WP**	2500	1050 – 1820	330 – 930	219
PZP200MF-HP***	2000	1050 – 1820	330 – 930	189

* including shaft rotator, quick change system

** including shaft rotator

*** including shaft rotator, hook

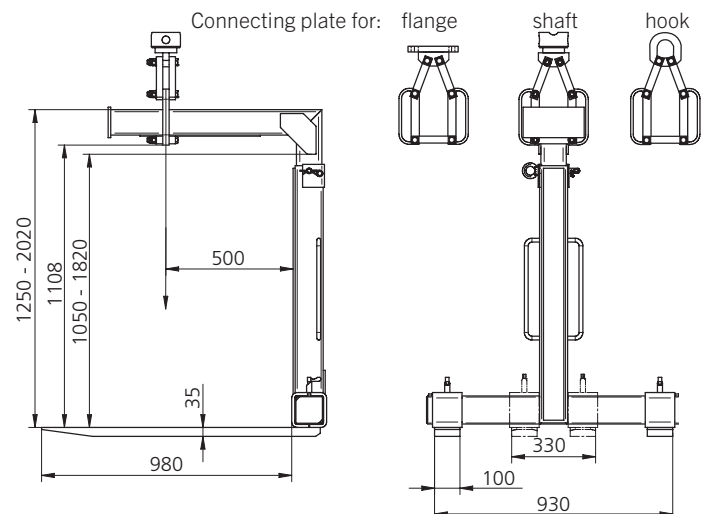
TRUCK CRANE REQUIREMENTS

One hydraulic function on the crane

EXTENSION ON REQUEST



For throat heights
from 1750 to 2350 mm
(PZPEX750-1)



PLEASE NOTE:

You can get detailed information on the diverse types from your local PALFINGER dealer.

UNIVERSAL FORKS



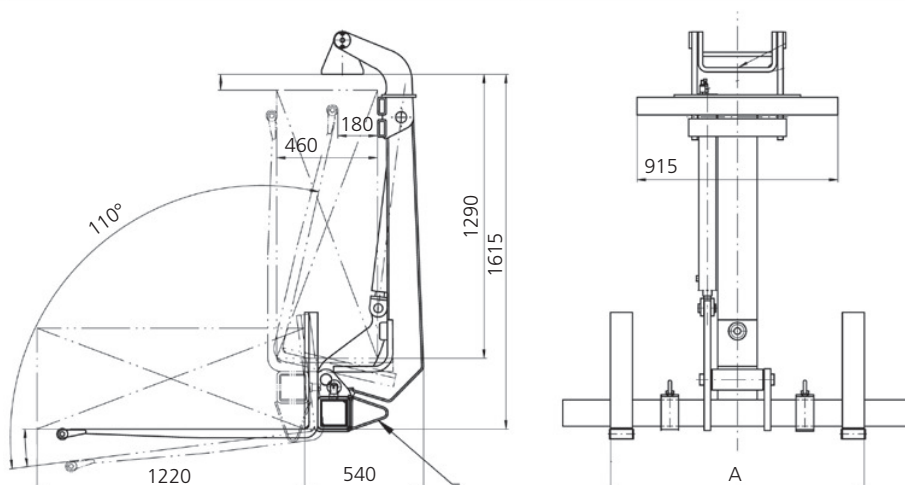
- Complete package including the universal fork, rotator, suspension, hoses, quick change system and a rigid hook
- Safe handling of plates and sheets due to the possibility of clamping
- Ideal solution for handling wallboards and other building materials supplied in a lying position
- Protection of the sheets through semi-tapered tines equipped with rollers and pads

TECHNICAL SPECIFICATIONS

Type	Load capacity (kg)	Tine spread A (mm)	Height of load max. (mm)	Depth of load (kg)	Self weight (kg)
PZP150WP	1500	640 – 1600	1250	460	405
PZP200WP	2000	640 – 1600	1250	460	418
PZP250WP	2500	640 – 1600	1250	460	438

TRUCK CRANE REQUIREMENTS

Operating pressure 200 – 320 bar
 Pump capacity 40 – 75 l/min
 Two hydraulic functions on the crane



BOTTLE-BANK DISCHARGE UNITS



- Complete package including the bottle-bank discharge unit, rotator, suspension with pendulum brake and hoses
- Multifunctional – for containers with a mushroom or double hook system
- Time-saving and cost-effective one-man operation
- Long service life thanks to the robust mechanics and the pressure relief valve

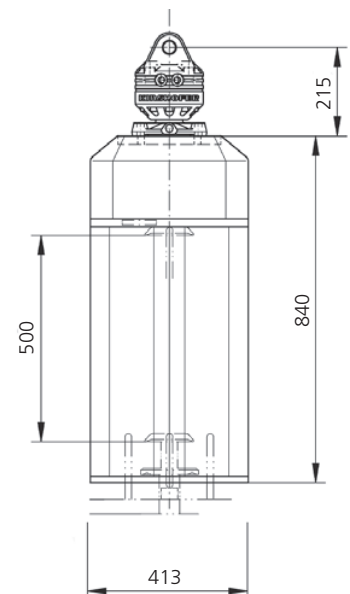
TECHNICAL SPECIFICATIONS

Type	Load capacity (kg)	Lift of hook max. (mm)	Height with rotator (mm)	Self weight (kg)
PZC250PR	2500	500	1055	170

Other types of bottle-bank discharge units are available on request

TRUCK CRANE REQUIREMENTS

Operating pressure 320 bar
 Pump capacity 25 – 60 l/min
 Two hydraulic functions on the crane



PLEASE NOTE:

Safe operation is only possible in combination with the original KINSHOFER mushroom system on the container.

BARRIER LIFTERS

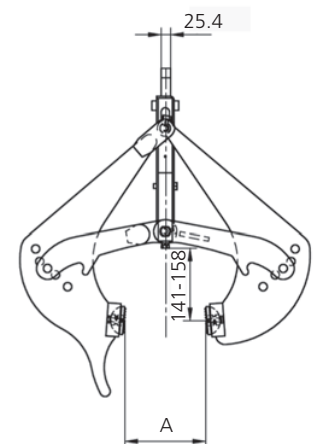
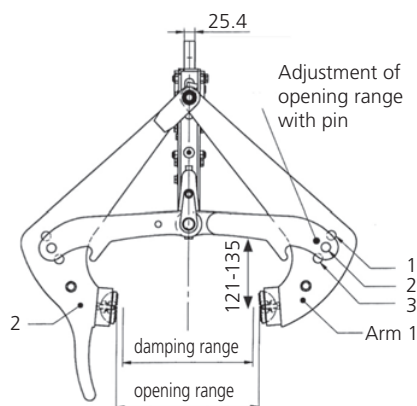
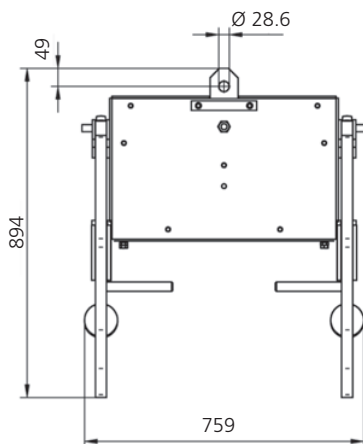


- Fast and convenient handling of concrete barriers and blocks by one-man operation
- Maximum safety thanks to the carbide gripping pads
- Easy handling because of the mechanical “latch & release” system
- The pin position can easily be changed for different gripping ranges

TECHNICAL SPECIFICATIONS

Type	Opening range (mm)	Load capacity max. (kg)	Self weight (kg)
PZB932-6/10	100 – 310	6580	165
PZB932-12/14	285 – 400	6580	152

For hook operation



EARTH AUGERS



- Highest drilling performance in earth, gravel layers or soft rock
- Augers are available with diameters from 150 mm to 900 mm
- Appropriate drilling teeth can be obtained for any subsurface (earth, gravel layers, soft rock)
- No extra overflow oil line (leak oil or adaptations on the crane necessary)

TECHNICAL SPECIFICATIONS

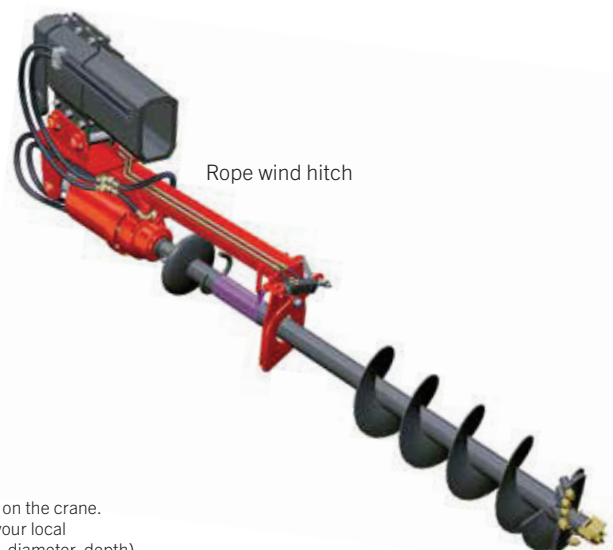
Diameter*	150	200	225	250	300	350	400	500	600	800
Needed auger drive	BEG30	BEG30	BEG30	BEG50	BEG50	BEG50	BEG50	BEG50	BEG80	BEG80
Max. depth (mm)	2000	2000	2000	4500	4500	4500	4500	4000	6000	3000
Recommended crane	>9 mt	>9 mt	>9 mt	>12 mt	>12 mt	>12 mt	>12 mt	>12 mt	>15 mt	>15 mt

* for drilling in earth, soft rock and gravel layers available

TRUCK CRANE REQUIREMENTS

Operating pressure 260 bar
 Pump capacity 20 – 50 l/min
 One hydraulic function on the crane

ACCESSORIES ON REQUEST



Earth tooth



Rock tooth



Universal tooth

PLEASE NOTE:

Drilling is only allowed with a maximum of two extended booms on the crane.
 For optimised configuration of the earth auger, please contact your local PALFINGER dealer who will specify the drilling details (material, diameter, depth).

CAR LIFTING DEVICES



- Easy and quick loading and unloading procedure thanks to the most advanced technical features such as the mushroom lock system
- Easy adjustment for any vehicle
- Two different systems available
- Safe handling of all vehicles thanks to the hydraulic levelling in the PZLG35PK

TECHNICAL SPECIFICATIONS

PZLG35PK

3500 KG CAR-LIFTING DEVICE FOR DAILY USE

Complete set including:

- Car-lifting device with hydraulic adjustment of the centre of gravity
- Flange rotator, suspension and hoses
- Wheel clamp straps with adjustable length (1.3/1.5/1.7 m)
- 4 wheel clamps for wheel sizes between 12" and 19" and a width of 355 mm
- Bracket for easy storage on the vehicle

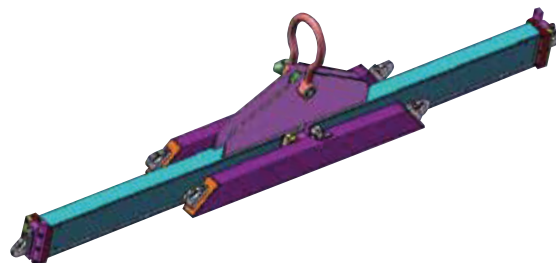


PZLG20HPK

2000 KG MECHANICAL CAR-LIFTING DEVICE FOR NON FREQUENT- USE

Complete set including:

- Car-lifting device for hook operation
- Wheel clamp straps with adjustable length (1.3/1.5/1.7 m)
- 4 wheel clamps for wheel sizes between 12" and 19" and a width of 355 mm
- Bracket for easy storage on the vehicle



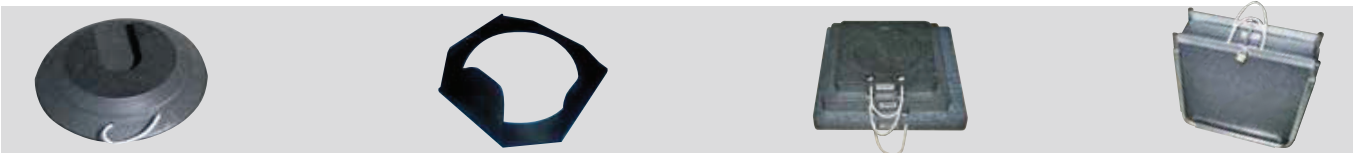
ACCESSORIES FOR STABILIZERS



- Stabilizer plates used as an optimum bed for all stabilizers of small and big cranes as well as additional stabilizers
- Easy and fast handling due to the carrying straps as well as the fastening possibilities on the truck
- Highest possible supporting force tested by PALFINGER

TECHNICAL SPECIFICATIONS

Type	Description	Dimensions (mm)	Supporting force max. (t)	Self weight (kg)
EZ2261-400	Round stabilizer pad	Ø 400 / 80	12	5
EZ2261-500	Round stabilizer pad	Ø 500 / 80	16	7
EZ2263-400	Box for 1 x EZ2261-400			2.6
EZ2263-500	Box for 1 x EZ2261-500			3.2
EZ2189-300	Square stabilizer pad	300 x 300 x 40	9	3.5
EZ2189-400	Square stabilizer pad	400 x 400 x 50	16	8
EZ2189-500	Square stabilizer pad	500 x 500 x 60	26	15
EZ2189-600	Square stabilizer pad	600 x 600 x 60	36	21
EZ2189-800	Square stabilizer pad	800 x 800 x 60	40	35
EZ2190-300	Box for 2 x EZ2189-300			4.3
EZ2190-400	Box for 2 x EZ2189-400			6.3
EZ2190-500	Box for 2 x EZ2189-500			8.4
EZ2190-600	Box for 2 x EZ2189-600			10.4
EZ2190-800	Box for 1 x EZ2189-800			13



HYBRID DRIVE

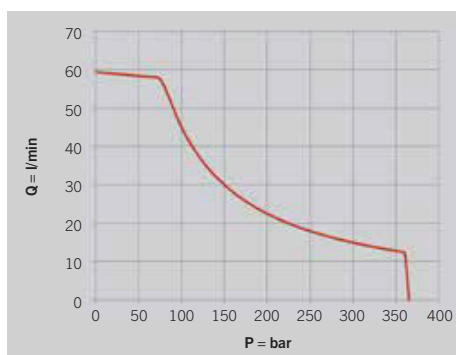


- Complete package including load sensing pump, motor and control box
- Quick and effective operation in noise- and pollution-sensitive areas due to a simple connection to the power grid
- Environmentally friendly concept with power control and the use of engines of the highest energy efficiency class (IE03)
- Easily switch between motor and electro drive on the control box

TECHNICAL SPECIFICATIONS

7.5 KW ENGINE-PUMP UNIT EP1498 AND CONTROL BOX EP 1499

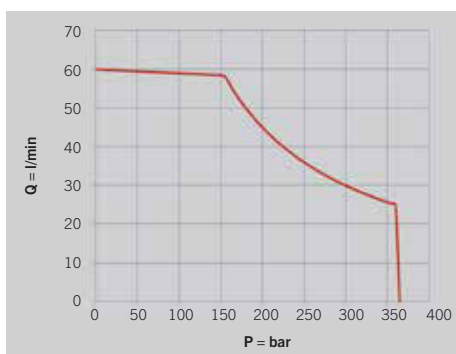
Power max.	7.5 kW
Pressure max.*	365 bar
Volume flow max.*	58 l/min
Voltage required	3 x 400 V
Frequency required	50 Hz
Speed of engine	1500 rpm
Engine efficiency	IE03
Safety class engine	IP55
Safety class control box	IP65
Electrical connection required	16 A



**POWER
REGULATION
7,5 KW**

15 KW ENGINE-PUMP UNIT EP1500 AND CONTROL BOX EP 1501

Power max.	15 kW
Pressure max.*	365 bar
Volume flow max.*	58 l/min
Voltage required	3 x 400 V
Frequency required	50 Hz
Speed of engine	1500 rpm
Engine efficiency	IE03
Safety class engine	IP55
Safety class control box	IP65
Electrical connection required	32 A



**POWER
REGULATION
15 KW**

* The load sensing device regulates these values accordingly

PERFECT TOOL FOR EACH DEMAND HIGHLIGHTS & FURTHER PRODUCTS

06 HIGHLIGHTS



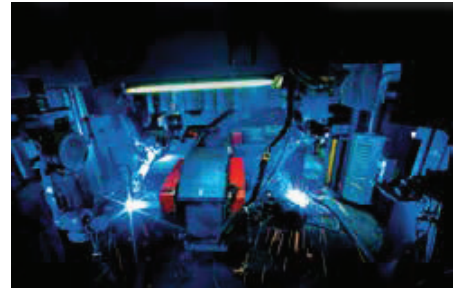
DEVELOPMENT
RELIABLE AND SUCCESSFUL

Interest is focused on topics like ergonomics, functionality, weight and material optimisation.



SALES AND PROJECT ENGINEERING
COMPETENCE

Experienced sales experts advise and support you when selecting a product and the configuration so that the solution matches your application conditions exactly.



PRODUCTION TECHNOLOGY
LATEST TECHNOLOGIES

The cornerstone for quality is laid in the production. In the field of steel processing and machining, PALFINGER has the latest cutting-, edging- and welding technologies at its production sites.



QUALITY MANAGEMENT
INTERNAL AND EXTERNAL AUDITING

Our certified quality management system is compliant with ISO 9001 and ensures process-reliable production and the high quality of our products.



SERVICE AND TECHNICAL SUPPORT
MORE EFFICIENCY IN USE

PALFINGER provides an extensive service network. The highly trained personnel of our service partners and licensed workshops provide help quickly.



SPARE PARTS SUPPLY
HIGHEST AVAILABILITY

Several spare parts centres worldwide guarantee a seamless supply of spare parts. All original spare parts are tested and comply with the PALFINGER quality standard.



ORANGE PEEL GRAPPLES
MULTIPURPOSE

PALFINGER offers a wide range of orange peel grapples for handling waste and scrap. Available with 4 and 5 tines and with pointed, half closing or fully closing tines.



WORKMAN BASKETS
SAFE WORK

PALFINGER offers a workman basket range which fulfills all requirements of the EN280 and is certified from PALFINGER.



MANIPULATORS
PRECISE POSITIONING

A hydraulically operated attachment used for positioning tubes or poles. For loads from 500 kg up to 3000 kg.



VACUUM LIFTING DEVICE
SAFE POSITIONING

In combination with the PALFINGER glass lifting device, you are able to manipulate glass and metal sheets in a safe way up to 700 kg.



CUSTOMISED PRODUCTS
FOR EACH REQUEST

On request, PALFINGER is able to offer customised products for special applications. Please contact your local PALFINGER dealer for further information.



ADDITIONAL STABILISERS
IMPROVED SUPPORT

The new additional stabilisers are adapted optimally to the demands of the PALFINGER crane. A variety of improvements make the stabilisers an ideal accessory.



PUMPS
FOR EACH CRANE

PALFINGER offers a big variety of constant and load-sensing pumps for any requirement.



OIL COOLERS
FOR EACH CRANE

PALFINGER oil coolers are offered from 8.5 kW to 20.0 kW depending on the crane size. The crane can be operated in a very hot climate and with high load cycles.



OIL TANKS
HIGH VOLUME AND QUALITY

Depending on the requirement, PALFINGER offers additional oil tanks from 75 l to 425 l made of steel or aluminium.

