

PALLET FORKS

Equipped with the right crane fork, your crane becomes an all-rounder for the handling of palletized and packaged goods. For classic pallet handling, we offer optional crane forks with mechanical, spring- or hydraulic-assisted center of gravity compensation.



SPRING-SUPPORTED PALLET FORKS

Comfortable
PZP-V | PZP-VS

- Low-maintenance and time-saving solution
- Easy and safe picking up of pallets because of the self-adjusting center of gravity compensation
- Multifunctional use for pallet handling thanks to simple adjustment of effective height and tine distance
- Easy threading through the narrow forged tines



MECHANICAL PALLET FORKS

Solid
PZP | PZP-MF

- Robust and economical solution
- Easy threading through the narrow forged tines
- Multifunctional use by simple adjustment of effective height and tine distance



HYDRAULIC PALLET FORK

Precise PZP-H

- The flexible premium product
- Fast and efficient picking up of different pallet sizes and weights
- Highest safety and precision thanks to the hydraulic balance compensation
- Simple 1-person operation saves time and money



SPECIAL PALLET FORKS

Individually

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

PALLET FORK CONFIGURATION OPTIONS



OPTION		DESCRIPTION	CODE	HYDRAULIC			SPRING		
				PZP-H			PZP-V		
Basic data		Working pressure max. [bar]		200			--		
		Overpressure protection		--			--		
		Recommended rate of flow [l/min]		40 – 75			--		
		effective depth [A]		1050 – 1650			1050 – 1650		
Load capacity tine length	Center of gravity distance 500 mm	1500 kg 980 mm	TRAGL 1500 LFORK 980	Weight [kg] ○ 165	Tine distance [mm] 475 – 815	Cross section [mm] 80x35	Weight [kg] ○ 130	Tine distance [mm] 475 – 815	Cross section [mm] 80x35
		2000 kg 980 mm	TRAGL 2000 LFORK 980	○ 190	475 – 835	100x35	○ 150	495 – 835	100x35
		2500 kg 980 mm	TRAGL 2500 LFORK 980	○ 250	490 – 830	90x40	○ 210	490 – 830	90x40
	Center of gravity distance 600 mm	1500 kg 1150 mm	TRAGL 1500 LFORK 1150	○ 195	495 – 835	100x35	○ 165	495 – 835	100x35
		2000 kg 1150 mm	TRAGL 2000 LFORK 1150	○ 250	500 – 840	90x40	○ 205	500 – 840	90x40
		2500 kg 1150 mm	TRAGL 2500 LFORK 1150	○ 270	510 – 850	100x45	○ 230	510 – 850	100x45
	Additional equipment	Increase of usable height in 750 mm	EXT075	○			○		
Telescopic to useable height 2500 mm		TELE25	○			○			
Telescopic to useable height 3000 mm		TELE30	--			--			
Hydraulic plug in couplings		2RO-PK	○			--			
Special color RAL		RAL____	○			○			
Crane connection*			Weight [kg]			Weight [kg]			
			FLANGE	○	39	-- 39			
			SHAFT	○	40	○ 40			
			PRE-SHAFT	○	3	--			
			SHAFT-HOOK	○	12	○ 12			
			SHAFT-LINK			○ 9			
			PRE-QUICK	○	7	--			
			QUICK-KIT	○	12	--			
			QUICK-HOOK	○	7	--			



● Standard ○ Optional -- Not available * Details see page 27 ** Only on load capacity 2000 kg

ADDITIONAL EQUIPMENT

Increase of usable height EXT075

Increase the effective height of the crane fork by 750 mm with the simple installation of the extension. Ideal for manipulating insulation materials and similar.



Telescopic TELE25 | TELE30

Increase the usable height of the crane fork by pulling out the telescope. Efficient, without installing or removing extensions. Ideal for handling of insulation materials.

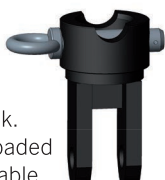




SUPPORTED			MECHANICALLY					
PZP-VS			PZP			PZP-MF		
--			--			--		
--			--			--		
--			--			--		
1050 – 1650			1050 – 1650			1050 – 1650		
Weight [kg]	Tine distance [mm]	Cross section [mm]	Weight [kg]	Tine distance [mm]	Cross section [mm]	Weight [kg]	Tine distance [mm]	Cross section [mm]
○ 135	325 – 920	80x35	○ 120	325 – 920	80x35	--		
○ 155	345 – 940	100x35	○ 130	345 – 940	100x35	○ 150	330 – 930	100x35
○ 180	355 – 945	90x40	--			○ 180	330 – 930	100x35
○ 170	345 – 840	100x35	--			--		
○ 200	355 – 945	90x40	--			--		
○ 225	385 – 975	100x45	--			--		
○			○			○		
--			--			○**		
--			--			○**		
--			--			--		
○			○			○		
Weight [kg]			Weight [kg]			Weight [kg]		
--	39		--	39		○	39	
○	40		○	40		○	40	
--	3		--	3		○	3	
○	12		○	12		○	12	
○	9		○	9		○	9	
--			--			○	7	
--			--			○	12	
--			--			○	7	

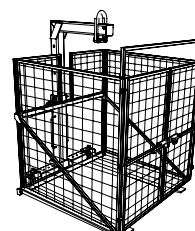
Rigid link SHAFT-LINK

Payload 4500 kg
Torsionally stiff suspension link.
"The" addition to the spring-loaded
crane fork for a more comfortable
positioning of the loads



Protective cage

On request, a protective cage for securing
loose loads on the crane forks is available.
When handling loose material, a protective
cage or net for load protection is mandatory
(EN 13155). The maximum load capacity is
2000 kg.



UNIVERSAL FORK

The universal fork is particularly suitable for feeding old and new buildings with construction panels and other horizontally delivered building materials.

Different tine adjustment allows adjustment to the transported panels.

Of course, the universal fork can be used as classic crane fork.



SINGLE SPAR

Light PZP-W

- Gentle handling of the plates with special tines
- Higher range due to lower weight



DOPPELHOLM

Robust PZP-WK

- Gentle handling of the plates with special tines
- Robust design
- Tilting cylinder protected from damage by the double spar

CONFIGURATION OPTIONS

OPTION	DESCRIPTION	CODE	PZP-W		PZP-WK	
Basic data	Working pressure max. [bar]		370		370	
	Overpressure protection		●		●	
	Recom. rate of flow [l/min]		40 - 75		40 - 75	
	Package height max. [mm]		1250		1250	
	Package depth max. [mm]		460		460	
	Tine length [mm]		1600		1600	
Load capacity	800 kg	TRAGL 800	Weight [kg]	Tine distance [mm]	Weight [kg]	Tine distance [mm]
			--		○ 265	600 – 1000
	1000 kg	TRAGL 1000	--		○ 340	640 – 1600
	1500 kg	TRAGL 1500	○ 345	640 – 1600	○ 380 ○ 390 ○ 395	640 – 1600 640 – 1830 640 – 2100
	2000 kg	TRAGL 2000	○ 360	640 – 1600	○ 390 ○ 400 ○ 405	640 – 1600 640 – 1830 640 – 2100
	2500 kg	TRAGL 2500	○ 380	640 – 1600	○ 400 ○ 410 ○ 415	640 – 1600 640 – 1830 640 – 2100
Additional equipment	Hydraulic plug in couplings	2RO-PK		○		○
	clamping device	PZP001		○		○
	Park console	PZP002		○		○
	prep. for hydraulic hook	P-PZHH		○		○
	Special color	RAL____		○		○
Crane connection*			Weight [kg]		Weight [kg]	
FLANGE			○	39	○	39
SHAFT			○	40	○	40
PRE-SHAFT			○	3	○	3
SHAFT-HOOK			○	12	○	12
PRE-QUICK			○	7	○	7
QUICK-KIT			○	19	○	19
QUICK-HOOK			○	7	○	7



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

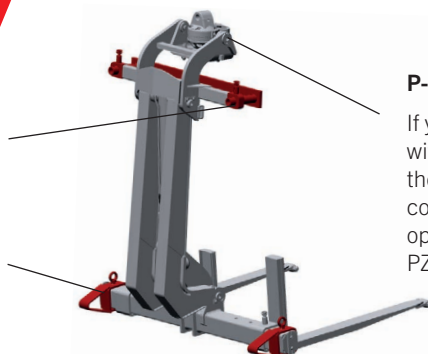
ADDITIONAL EQUIPMENT

PZP001

Adjustable clamping device to secure single sheets and smaller packs (for load over 1000 kg)

PZP002

Rack for safe and easy handling of folded universal fork (for load over 1000 kg)



P-PZHH

If your universal fork is equipped with P-PZHH instead of a rotator, the universal fork can also be convenient and highly efficient operated with the hydraulic hook PZHH05.

