

CONTAINER DISCHARGE UNITS

The essential factor when discharging recycling bins include safety and speed. Through the precise handling of the crane, the automatic stroke limitation and the integrated pendulum brake, the driver receives a complete solution that allows him to keep an eye on the environment. This is a plus in terms of safety especially when careless passers-by are involved

Efficient operation of the implement is made possible by economical one-person operation and short cycle times. The emptying devices are available for ring- and the mushroom-system.



MUSHROOM- OR RING SYSTEM

PZC251 | PZC451

- For the first time also available as a 4.5 t variant
- Save time with the shorter emptying cycle
- Extremely compact and robust construction
- The optional pendulum brake ensures precise positioning at low swinging.
- The integrated pressure relief valve ensures safe working even with higher operating pressure of the crane.



MUSHROOM SYSTEM

PZC250PR

- Robust mechanism with automatic centering and hydraulic locking
- The pendulum brake and the flange rotator ensure precise positioning with minor fluctuations.
- The integrated pressure relief valve ensures safe working even at higher operating pressure of the crane.



MUSHROOM- AND RING SYSTEM

PZC250PR

- The ideal solution for recycling companies that need to empty both conventional ring system containers and mushroom-type containers.
- Compact construction and therefore low overall height
- The standard pendulum brake and the flange rotator ensure precise positioning with minor fluctuations.
- The integrated pressure relief valve ensures safe working even at higher operating pressure of the crane.



RINGSYSTEM

PZC250R

- PALFINGER offers two discharge units especially for containers with ring systems.
- On the one hand the compact PZC220R and the simpler PZC250R.
- Both are characterized by a robust and durable mechanism and, like all PALFINGER discharge units, also have an integrated pendulum brake and a flange rotator.

DISCHARGE UNIT CONFIGURATION OPTIONS



OPTION	DESCRIPTION	CODE	PZC251	PZC451	PZC250PR
Basic data	Load capacity [kg]		2500	4500	2500
	Working pressure max. [bar]		350	350	370
	Overpressure protection		●	●	●
	Recommended rate of flow [l/min]		40	40	25 – 70
	Height [mm] (incl. Rotator)		1160	1160	1055
	Lift of the hook max. [mm]		500	500	500
	Weight [kg] (incl. Rotator an hoses)		178	178	180
Additional equipment	Containersystem:				
	double ring system (parallel)	RING2P	●	●	●
	mushroom system	MUSHRO	○	--	●
	Pendulum brake	PENDLB	○	○	●
	Hook and support	PZCDD	--	--	○
	Docking device	PZC-HS	--	--	○
Crane connection	Crane connection	RAL_____	○	○	--
		FLANGE	○	○	●*
		SHAFT	○	○	--
		PRE-SHAFT	○	○	--
		SHAFT-HOOK	○	○	--
		PRE-QUICK	○	○	--
		QUICK-KIT	○	○	--
		QUICK-HOOK	○	○	--



● Standard ○ Optional -- Not available
* incl. upper suspension, without connection hoses



PZC250P

PZC250R

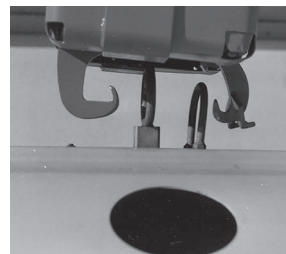
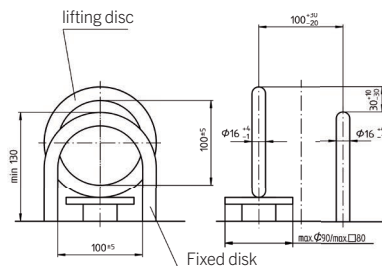
2500	2500
370	370
●	●
25 – 75	25 – 75
1490	1400
500	500
210	135

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●	--
●	○
○	○
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ADDITIONAL EQUIPMENT

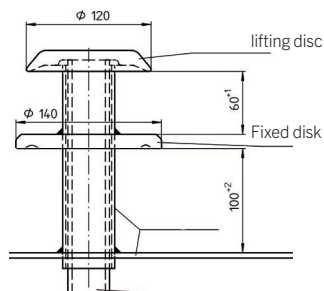
DOUBLE RING-SYSTEM [RING2P]

Safe operation of the container discharge unit can only be ensured if the containers are equipped with the rings in the appropriate distance and dimension.



MUSHROOM-SYSTEM [MUSHRO]

Safe operation of the container discharge unit can only be guaranteed if the containers are equipped with the corresponding original lifting and fixed disks. These are available on request



PENDULUM BRAKE [PENDLB]

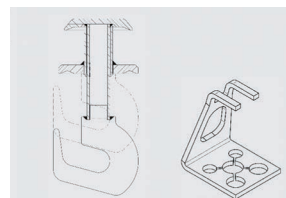
The pendulum brake dampens the swinging of the container discharge unit and is therefore a must for a fast and precise working



HOOK AND SUPPORT [PZZC-HS]

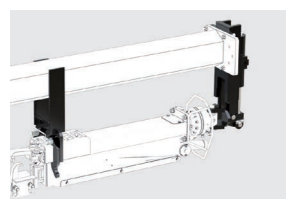
To allow a temporary crane hook operation, a suitable hook with a transport support is available. The support is picked up like a container and can then be used as a hook.

Payload [kg]	2500
Weight [kg]	14



DOCKING DEVICE [PZCDD]

A docking device is available for all container discharge units. By using a hydraulic cylinder, the discharge unit is applied to the extension boom. In the unlocked state, the device acts as a hydraulic pendulum brake. The integrated solenoid valve allows the switching of the hydraulic circuit.



Working pressure max. [bar]	280
Folding angle [°]	90
Weight [kg]	70