

PH T22 A DINO SLD 5 / TEC 5

THE UNIVERSAL SOLUTION FOR BIN- HANDLING-SYSTEMS

One flexible Hookloader allows the
management of all different bin-designs

LIFETIME EXCELLENCE



UNIVERSAL APPLICABLE

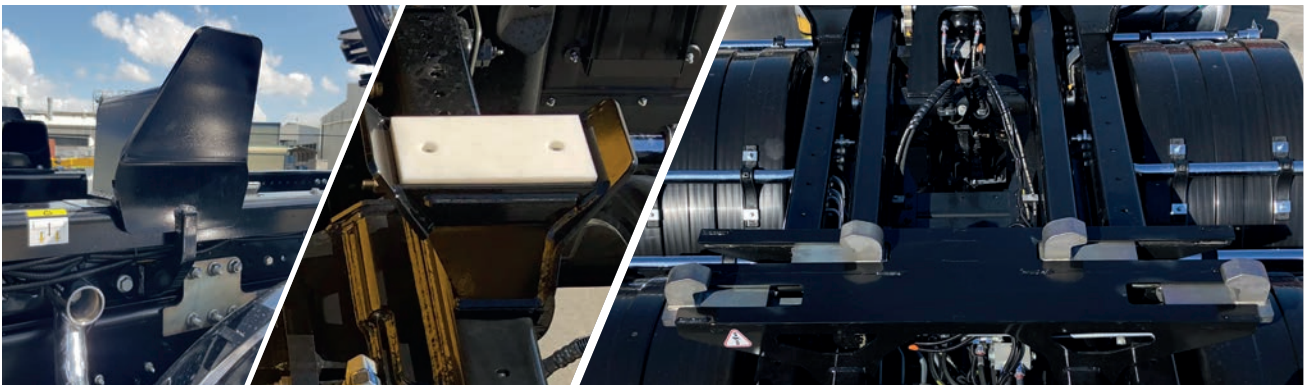


Universal Solution for Bin-Handling-Systems

Variable manual hook height positions from 1,410 to 1,610 mm are possible thanks to the UNI hook shape, picking up and releasing of bin bars are very easy and the strong pneumatic latch ensures a safe bar retention.

For all different bin-designs

The rear rollers are designed for different bin rail widths, inside and outside bin guides allow the handling of wide and narrow rail widths.



Universal bin rests

All bin rests are bolted. One smart version, with optional anti-friction plates allows the sliding function without vibration and very low noise. Additional bin rests can be fitted on demand.

Rear and front hydraulic locking for universal usage

Rear hydraulic locking independent outside and inside is suitable with different rail widths (inside 660 mm), outside 840-1,200 mm and avoids any side movement of the bin. Front hydraulic locking is suitable with different rail widths from outside 840-1,200 mm.

TECHNICAL DATA & OPTIONS

TECHNICAL DATA	PH T 22 A DINO SLD 5	PH T 22 A DINO TEC 5
Capacity	22,000 kg	22,000 kg
Length	5,975 - 6,175 - 6,325 - 6,725 mm	5,975 - 6,175 - 6,325 - 6,725 mm
Weight	2,750 - 2,800 kg	2,750 - 2,800 kg
Control system	PAD	PAD-Touch
Radio remote control	○	○
Rear locking	2 independent rear locking outside-inside	2 independent rear locking outside-inside
Rail-width (outer – inner)	1,200 - 660 mm	1,200 - 660 mm
Hook type – 2 different ones	DINO hook (offset 120 mm) UNIVERSAL hook (offset 130 mm)	DINO hook (offset 120 mm) UNIVERSAL hook (offset 130 mm)
Hookbar height range	DINO hook (1,410-1,610 mm) UNIVERSAL hook (1,340) -1,410-1,450-1,570-1,610 mm	DINO hook (1,410-1,610 mm) UNIVERSAL hook (1,340) -1,410-1,450-1,570-1,610 mm
Bin rests	bolted / anti-friction	bolted / anti-friction
Main valve type	SDS150 / SDS 180	SDS150 / SDS 180

OPTIONS	PH T 22 A DINO SLD 5	PH T 22 A DINO TEC 5
Control system - PAD Touch	–	●
Control system - PAD	●	–
Control system - RRC	○	○
Front locking pre-arrangement	pre-disposed	pre-disposed
Bin-rests bolted	●	●
Bin-rests bolted with anti-friction plates	○	○
Control valve SDS 150	●	●
Control valve SDS 180	○	○
Control valve position Left, middle	●	●
Control valve position: Left, approx. 1m forward	○	○
Control valve position: Left front vertical	○	○
Rapid Motion	○	○
Fast Tipping Down + Rapid Motion	–	○
Tipping cylinder protection	●	●
Vision package (rear camera)	–	●
Additional camera	–	○
X-beam	●	●
Soft Stop	●	●
Auto Cycle	○	○

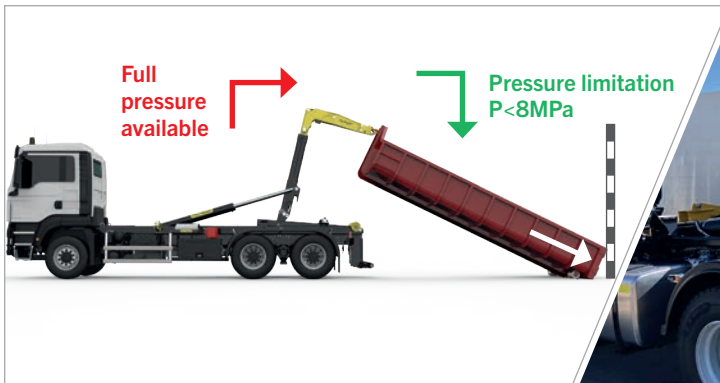
● standard; ○ option; – unavailable

HEALTH & SAFETY



Hydraulic front locks

Covers all different rail-width's from 840 mm to 1,200 mm outside. Added safety during transport and especially during cornering.



Hydraulic Tipping Cylinder safety system

The Anti-bending system protects the tipping cylinders while extending the piston rods. The pressure required to unload or load is checked by a pressure sensor and any excessive pressure will stop the movement.

EVEN MORE SECURITY WITH TEC 5 MODEL



Vision package (rear camera)

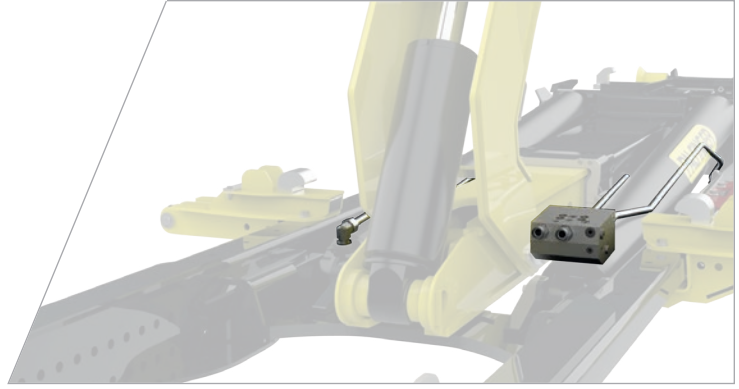
The rear camera installed on rear crossbeam enables high visibility during catching the hook even in low light conditions (LED equipped). Also useful for trailer transfer.



PAD-Touch

This control system developed by PALFINGER is perfectly suited to the handling of the Hookloader. The cab-control with its ergonomic single joystick operation precisely controls the movements of the bin while the screen informs the operator of the position of the arm in its environment. PAD-Touch creates a new standard, the benchmark for Hookloader control.

SMART SOLUTIONS



Fast Tipping Down

This option is reducing the time required to move the hookloader from tipping position down into transport position by app. 30%.

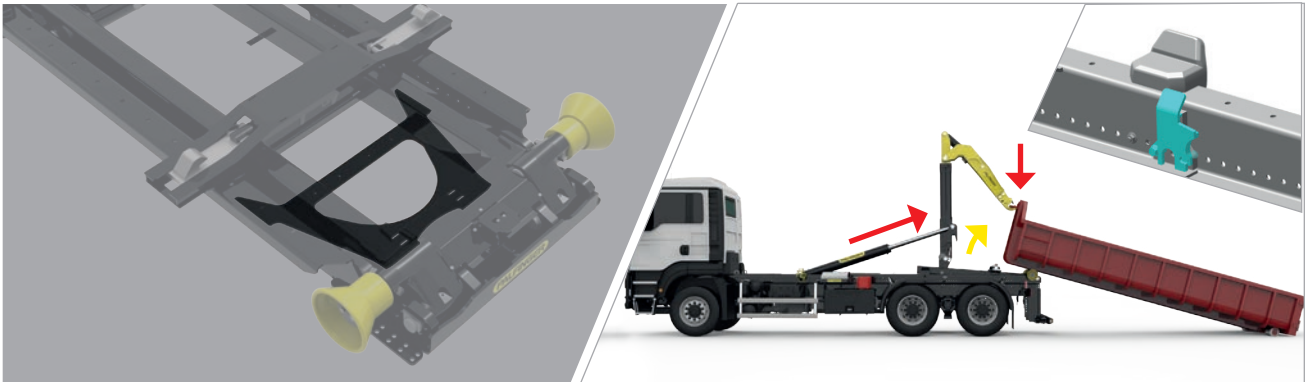


Soft-stop as standards on all SLD & TEC versions

This results in a smooth landing of bins on truck chassis.

Bin-Stops

- 2 rubber-stops
- Prepared for easy adjustment

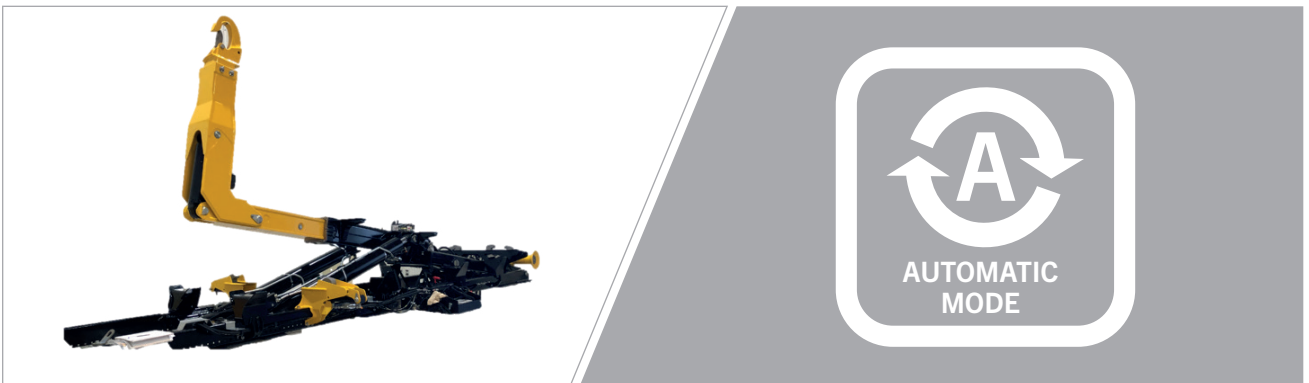


X-beam for tough applications

Reinforcement of the rear crossbeam, ideal in the construction business – benefits while tipping bins with short rear overhang.

Fuse on tipping-frame/sub-frame locking

In case of misuse a dedicated bolt will shear and release the force to protect the components of the hookloader avoiding high repair costs. Once sheared, operation speed is reduced and the driver informed.



Low tare weight results in higher payload.

Auto cycle mode

A sequence control avoiding any misuse and easy operation while loading - unloading and tipping.

AVAILABLE CONTROL SYSTEMS

OPTIONS	PAD on SLD	PAD Touch on TEC	RRC on TEC or SLD
BI-SPEED	●	●	●
CONTROL / MOVEMENT OF CONTAINER	Joystick	Joystick	Button
CONTROL OF ADD. FUNCTIONS	Rocker Switch	Touch Screen	Button
DRIVER FEEDBACK	Indicator-Lights	Touch Screen	Display
EMERGENCY STOP	●	●	●
AUTOCYCLE	○	Pre-arranged	○
RAPID-MOTION	○	○	○
FAST-TIPPING-DOWN	–	○	○ on TEC / – on SLD
ERROR CODES	●	●	●
DATA TRANSFER VIA CAN-BUS	●	●	●
REAR CAMERA	–	●	● on TEC / – on SLD
TRUCK-COMMUNICATION	○	●	●
MULTI-LIGHTING	○	○	○
EMERGENCY CONTROL	●	●	●
NIGHTMODE PRE-ARRANGEMENT	●	●	●
RRC WITHOUT CAB-CONTROL	○	–	–
DIAGNOSTIC ASSISTANCE (QR CODE, SWITCH & SENSOR MONITORING)	–	●	–

● standard; ○ option; – unavailable



PAD on SLD



PAD-Touch on TEC



RRC on TEC or SLD

SPECIFICATIONS & OPTIONS

SPECIFICATIONS	SLD 5	TEC 5
PAD TOUCH	–	●
PRO ACTIVE DRIVE	●	–
SOFT STOP	●	●
BI-SPEED	●	●
VISION PACK	–	●

OPTIONS	SLD 5	TEC 5
RRC WITH CAB CONTROL	○	○
PALFINGER ORIGIN PROTECTION	○	○
RAPID MOTION	○	○
FAST TIPPING DOWN	–	○
SOFT SLIDING	–	○
BOLTED CONTAINER SUPPORTS	○	●
ADJUSTABLE HOOK HEIGHT (MECH. OR HYD.)	○	○
ARTICULATED ARM	○	○
HYDRAULIC FRONT LOCKING	○	○

● standard; ○ option; – unavailable



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Applications shown in the leaflet do not correspond to the standard specifications.
Design and specification are subject to change without prior notice.
Country-specific regulations must be considered for installation.
We reserve the right to change design and specification without prior notice.