

**TELESCOPIC**

**VERSATILITY  
AT ALL STAGES**



# TELESCOPIC HOOKLOADERS

## VERSATILITY AT ALL STAGES

The versatility of the PALFINGER TELESCOPIC hooklift makes it the most popular choice among buyers. Covering the widest range of container length and lifting capacity on offer, it is configurable to meet a wide variety of standards and satisfy our customers worldwide. Its low transport height and light weight contribute to the assets to maximize application options safely. The different comfort levels make this range highly customizable to the needs of the users and the market.

The TELESCOPIC hooklift can be installed on chassis of 7.5 to 32 t and more and are capable of handling containers up to 30 t in loading, unloading, trailer transfer and tipping.

Thanks to the telescopic jib, users will be able to handle a wide range of different container lengths and work on a variety of applications with the same vehicle. In addition, rental, transport or waste management companies increase the operating possibilities of their fleet. The range in length can be further extended with an articulated jib, while allowing the loading angle to be reduced to limit spillage.

The level of equipment technology can be tailored with the SLD or TEC lines to focus on the essentials or benefit from the latest innovations in safety, comfort and performance.

- Covers the widest range of container lengths
- Different technology lines to customize the equipment
- Easy to use and service





# THE **STRENGTHS** OF THE RANGE

Optimised mechanics, reduced transport height and various control modules meet the expectations of each of our customers, whatever their use : recycling, construction, public services , craftsmen or agricultural applications. Performance, ease of use, speed of operation or reliability, we pride ourselves on offering our customers the best on the market.



## **Adaptability to match your current application and readiness to meet any future needs**

- Articulated arm extends the container length range.
- Variable hook height allows client to match different container standards with one single unit and ease the resale process.
- Bolted solution facilitates the addition of more options and functions.



## **Robustness and easy maintenance for optimised operating costs**

- Increased lifetime with highlevel painting process and anticorrosion treatment (ISO 12944 Class 3–15 years).
- Enhanced robustness with casted parts such as hook, rear pivots, hinge supports, rear pulleys .
- Easy maintenance to reduce downtime and keep low TCO (Total Cost of Ownership).



## **Performance for maximum profitability**

- Fast cycle speed to optimize the drive time and increase the number of truck rotations per day.
- High payload thanks to light equipment for better profitability and higher turnover.



## **Comfort for the operator to keep focusing on the job to be done**

- Ergonomic controls for intuitive operations
- Silent and smooth handling with soft sliding of the container for a less exhausting working environment.

# FINGERTIP OPERATION FOR **TOTAL CONTROL**

Advanced control options to take advantage of the latest digital innovations or a simple control to focus on the essentials, PALFINGER has designed different types of controls to drive your hookloader.



## **PAD-Touch**

Touch screen for interactive and optimum digital control

The PAD-Touch in-cab control manages all movements of the container with a single hand in a completely secure manner. Thanks to its compact design and magnetic support, PAD-Touch is easily placed in the cabin.

The touchscreen controls the movements of hook and locks and the digital functions. It provides real-time information and displays camera views..



## **PAD**

Classic control with display for clear information in real time

The PAD control combines an ergonomic bi-speed joystick and switches with indicator lights in a single control.

It is equipped with the hour counter of the emergency mode and indicates incorrect manoeuvres via an error code on its display.



## **Easy Drive**

Compact and easy to use

With its simple and robust compact single-block design, the Easy Drive control enables the steering of the essential functions of the hookloader. It is ideal for users who are seeking simplicity or for fleets in which drivers are regularly required to change.



## **Radio remote control**

Freedom of control

The radio remote control enables complete visibility of the work area. Very intuitively, it allows for the activation of all movements with just one hand. The driver can attach it to their belt or pocket.

# SLD OR TEC, ADAPT THE EQUIPMENT TO EVERY NEED

## Available on PHT and HT models

The SLD 3, SLD 5 & TEC 5 lines feature different performance levels and offer a wide range of functions and solutions while preserving the payload. These lines bring with them the possibility to meet the customers' needs as closely as possible, with clear differentiation according to technical features. The hookloader is always designed for easy installation on the truck while keeping an optimized dead weight.

## SLD 3 & 5 – SOLID RANGES

The SLD 3 line provides the essential needs for a hookloader. A low customization availability for a simple offer without sacrificing specifications that have contributed over the years to PALFINGER's success: reduced dead weight and high load capacity. SLD 3 models are controlled by Easy Drive cab control.

The SLD 5 line brings more flexibility and is a step ahead of the SLD 3 line, opening up the possibility to add various options to improve basic equipment. These hooklifts have been developed for their ease of operation and quick commissioning as well as a robust and reliable mechanical structure controlled by Pro Active Drive cab control.



## TEC 5 – TECHNOLOGY RANGE

The hookloader TEC 5 is the advanced tech version offering digital perspectives. This is the right choice when owners and users need smart assistance to preserve the equipment and an easy overview of the hooklift status. TEC 5 hooklifts are equipped with the innovative PAD-Touch control, camera-assisted as standard and benefits from intelligent functions developed by PALFINGER.

The variant meets individual customer requirements, resulting in a level of flexibility that spans a wide range of applications (environment, construction, agriculture, public services...). Indeed, PALFINGER's engineering teams are constantly developing new intelligent functions throughout the life cycle of the equipment.

Take advantage of the standard TEC 5 features (●) and add optional ones (○) to improve the daily job depending on the needs.



### EFFICIENCY IN OPERATION AND TIME SAVING

- Reduce operating time and protect the pump from overrunning thanks to RPM+.
- Easy diagnostic with error-code display & QR code for detailed information
- Rapid motion, Connected, Main control valve SDS 180

### COMFORT IN OPERATION FOR OPERATORS

- All information and functions at a glance on the screen
- Reduced noise to minimum as soon as possible with an optimized idle RPM
- Automatic cycles to have the easiest possible start with Palfinger's hookloaders
- RRC with cab control, Multi-lighting, Silent mode, Proportional control, Pressure release for quick-couplers, View following function

### FLEXIBILITY FOR EASY ADAPTATION TO CUSTOMER AND USE

- Dismountable hook, adjustable hook height, front hydraulic locking

### SAFER OPERATIONS

- One rear camera for better visibility from the driver's seat automatically displayed when reverse gear is engaged
- Clear indication of transport position
- Sensors monitoring for easy diagnostic
- "Go home mode" to ensure return to transport position
- Stop button at fingertips to stop the use of in-cab control.
- Operation stop, Mechanical hook safety, Roller or axles stabilizer, Hydraulic tipping cylinder safety

### PREVENT DOWNTIME AND SAVE WORKSHOP COSTS

- Bolted anti-friction container support, Service contract

# OPTIONS DESIGNED FOR YOU

Whether the priority is to make daily work easier and more efficient, to increase safety or to work as comfortably as possible, PALFINGER always seeks to provide state-of-the-art solutions by offering several options to upgrade equipment. Add PALFINGER's hooklift expertise from the start or add it later with a retrofit.



## VISION PACK

TEC 5 includes as standard a rear view camera automatically displayed via the touch screen when reverse gear is engaged. It eases and secures the use of the hook and the transfer to a trailer, day and night.



## VIEW FOLLOWING FUNCTION

For a better control of operations from inside the cab. Drivers can see accurately and without effort, what they are doing accurately, thanks to cameras displayed on the PAD touch screen. The automatization of cam selection smooths the operation and allows it to stay focused on the handling, to be able to react immediately if needed.



## ADVANCED RAPID MOTION

The advanced rapid motion option increases the performance and saves time during container handling. More daily rotations are possible with less dead time and drivers avoid blocking the location for longer than necessary. It reduces the cycle time by enabling high speed operation while extending (-50%) and retracting (-30%) cylinders.



## SILENT MODE

Whether it's to keep a sleepy street quiet or to reduce the sound level of a noisy site, the "Silent mode" option improves working conditions while maintaining a high level of safety. The traditional buzzer is replaced by three flashing lights to warn of possible arm movement. Perfect for electrified trucks to maintain silent working conditions.





## PROPORTIONAL CONTROL

The single lever proportional control offers great comfort for the operator with smooth movements during operations. Precise control of the hook, even at high speed, is also appreciated when it comes to working within confined spaces. Heavy loads can be handled in a safer manner and helps to extend the lifetime of the mechanical parts.



## HYDRAULIC FRONT LOCKING

Safe transportation for special applications. The front locking increases the stability during transportation of high containers or those with an elevated centre of gravity. It also allows the loading and use of special containers (cranes on cradles, compactors on cradles, etc.) Bolted design for more flexible positioning on the subframe.



## CONNECTED

Thanks to the user-optimised views, FLEET MONITOR, OPERATOR MONITOR and SERVICE COCKPIT contained in PALFINGER CONNECTED, the back office and the hooklift operator are connected at all times. Each user receives the relevant information about the device clearly at a glance and can achieve maximum uptime for devices with the least possible administrative effort.



## PALCOVER

The Palcover makes the covering of containers safe and easy. It ensures a perfect covering of containers and therefore provides a perfect load securing solution for open top containers. Transport is safer for drivers and all road users as the risk of the load flying or coming off is reduced.

# STRONG SERVICE PARTNER WORLDWIDE



For PALFINGER, as a premium manufacturer, service means more than technical support, service is our promise of quality. Our partners are continuously trained and evaluated to always offer the highest level of service possible. We ensure the fastest possible availability of spare parts and the development of digital tools that make everyday working life easier.

Your success is important to us. In order to meet the expectations of our customers, we and our partners are available around the world in about 5,000 service points.

To optimise your business performance, by reducing machine downtimes and repair costs, we offer you PALFINGER Service Contracts from 1 to 6 years.

- Outsourced service with an authorised PALFINGER workshop
- Boost product uptime with preventive maintenance
- Full control and transparency of ongoing costs
- Increased resale value
- Maximised product turnover
- Reduce lifecycle costs by up to 37% when your product is protected with a full PALFINGER Service Contract
- Extended product service life

## STANDARD AND OPTIONAL OFFER

FEATURES	TEC 5	SLD 5	SLD 3
HYDRAULIC FRONT LOCKING	○	○	○
PNEU. SAFETY LATCH	○	○	-
MECHA. SAFETY LATCH	○	○	○
SERVICE CONTRACT	○	○	○
SOFT STOP	●	●	-
BI-SPEED	○	●	-
PROPORTIONAL CONTROL	○	-	-
BOLTED CONTAINER SUPPORTS	●	○	-
SOFT SLIDING	○	-	-
TRUCK COMMUNICATION	●	○	-
ADJUSTABLE HOOK HEIGHT	○	○	-
ARTICULATED ARM	○	○	-
DISMOUNTABLE HOOK	○	○	-
AUTOMATIC CYCLE	○	○	-
MULTI-LIGHTING	○	○	-
RAPID MOTION	○	○	-
ADVANCED RAPID MOTION	○	-	-
SILENT MODE	○	○	-
CONNECTED	○	○	-
PACK VISION	●	-	-
VIEW FOLLOWING FUNCTION	○	-	-

CONTROLLER	TEC 5	SLD 5	SLD 3
PAD TOUCH	●	-	-
PRO ACTIVE DRIVE	-	●	-
EASY DRIVE	-	-	●
RADIO REMOTE CONTROL	○	○	-

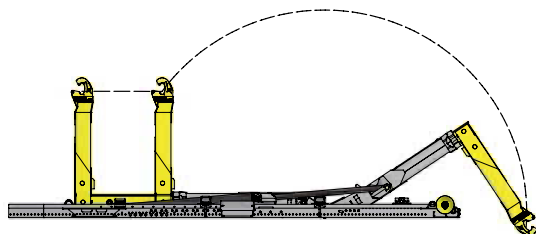
● standard; ○ option; – unavailable



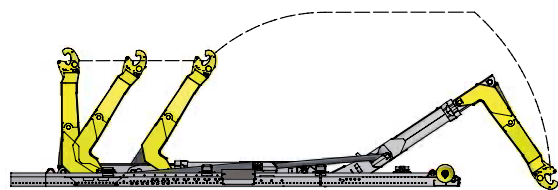
# TECHNICAL SPECIFICATIONS

	UNIT LENGTH mm	CONTAINER LENGTH mm	WEIGHT kg	MAX. TIPPING ANGLE °	TRANSPORT HEIGHT mm
PHT 05	3000-3400	2750-4750	660-685	50	180
HT 07 S	3550-4350	3000-5250	885-920	54	235
HT 08	3550-4750	3000-5000	930-1030	54	220
T 10	3350-4900	2500-5800	1050-1160	56	220
T 10 DUO	3550-4900	2700-5800	1130-1230	52	220
T 13	3800-5600	3000-6600	1470-1650	53	220
T 13 A	4180-5730	2500-6800	1750-1900	53	220
T 15	4300-5600	3200-6600	1530-1670	52	220
T 15 A	4180-5730	2500-6600	1780-1920	53	220
PHT 18	4300-6300	3250-7400	1910-2220	53	240
PHT 18 A	4675-6325	3000-7400	2250-2500	53	240
PHT 20	4750-6600	3500-7800	2020-2240	53	240
PHT 20 A	5025-6725	3200-7800	2330-2550	53	240
PHT 22	4750-6600	3500-7750	2150-2460	53	240
PHT 22 A	5025-6725	3000-7800	2400-2650	53	240
PHT 24	5100-5850	4000-7000	2300-2400	50	240
PHT 24 A	5375-5975	3400-7000	2550-2650	50	240
HT 26	5400-7200	4250-8000	2820-3245	55	280
HT 26 A	5630-8330	4500-9000	3115-3800	55	280
HT 30	5400-7200	4250-8000	2845-3260	55	280
HT 30 A	5630-8330	4500-9000	3140-3800	55	280

Subject to technical changes, specifications are non binding – container lengths depending on standard & road regulation.



TELESCOPIC



TELESCOPIC A

## FIND THE PERFECT MATCH

GVW (t)	PHT 05	HT 07 S	HT 08	T 10	T 13	T 15	PHT 18	PHT 20	PHT 22	PHT 24	HT 26	HT 30
32+												
32												
28												
26												
24												
21												
18/19												
16												
14												
12												
10												
8												
6,5												

