

# PALIFT Hookloader

**PALFINGER** PALIFT



Your needs are our priority

## TELESCOPIC T 17 – T 20 – T 22

### The strong all rounder

Our hookloader is renowned for its optimal balance between weight and lifting capacity as well as for its excellent kinematics. The TELESCOPIC simplifies loading and unloading of trailers. The TELESCOPIC arm facilitates the use of the containers of different lengths. The ease of operation during „pick up” and „set down” coupled with the favourable working radius enables the TELESCOPIC to be truly universal.



## TELESCOPIC T 17 – T 20 – T 22

### We hook in to customer's requirements

#### Concept Advantages:

- versatility
- reliability
- movement of specialized containers
- easy utilisation, high security
- ergonomics, unloading/loading
- optimisation of the use of the truck

The T-hooklifts are present around the world in all sectors of activities: recycling, agriculture, local authorities, building & construction, artisans, fire and rescue as well as the military.



PALIFT, successful in many applications



## TELESCOPIC T 10 – T 13 – T 15

### Unbelievably economic

The PALIFT medium range offers a perfect weight capacity ratio to optimize the efficiency of your truck. Especially for 2 axle trucks it's very important to keep the payload as high as possible due to light equipment installed.



## TELESCOPIC T 5 – T 7

Flexible and economic - Small weight but big utilization

No matter if you're working in tight areas yet still have to collect and transport large quantities of material, the small PALIFT TELESCOPIC range will always feel right at home.

As with all PALFINGER products, they are distinguished by their simple usability, high safety standards, great reliability and rapid working speeds. And what's more, the Duo version of the T7 is also suitable for containers with different bale bar heights.



# CITY C2 – C3 – C4

## The small power pack for trucks up to 7.5 ton GVW

The CITY, with its unique hook boom arrangement, allows the handling of various container lengths. Very easy to operate, the design of the CITY results in a low pick-up angle and offers an optimal ratio between lifting capacity and tare weight.

In addition to the well known areas of applications; such as recycling and handling Municipal waste containers, it is the ideal transport solution for handling a wide range of equipment on the lower capacity vehicles.



## Benefits speak for themselves

### Numerous equipment options meet the highest requirements of comfort, safety and service friendliness:

The Soft Stop prevents wear and eases the burden on the truck. The slim ergonomic in-cab control serves as the central control unit with all function displays and is easy to install with the aid of a magnetic holder. The progressive control system permits sensitive working and the compact hook ensures rapid loading operations.

The extensive safety equipment (load-holding valves on all hydraulically activated movements) meets the required safety standards. Thanks to the service-friendly design, the hydraulic control system can be easily extended to incorporate additional functions.



#### Support cylinders

To limit stress, a hydraulic cylinder supports the tipping movement at the beginning and guarantees a soft stop operation during loading



#### Hydraulic adjustable hook height

Hydraulic adjustable hook height on T7 DUO / T10 DUO

- 900 mm for small containers
- 1450 mm for containers acc. SS3021



#### Control systems

Cable or Radio Remote control for ergonomic, simple and quick operation



#### Main valve position

Horizontal or vertical main-valve position for customised solutions



#### Hook

Steel cast hook for highly demanding, long term operation, hook safety catch in mechanical and pneumatic version are available

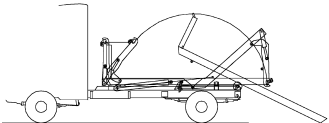


PALIFT – **P**owerful, **A**uthentic, **L**ight, **I**nnovative, **F**lexible, **T**rustworthy

<div>Hydraulic container locking</div> <div>External or Internal version In addition a mechanical pin locking acc. SS 3021 is available</div>	
<div>Transport height</div> <div>Low transport height of 195 mm to ensure the centre of gravity is as low as possible</div>	
<div>Tipping angle</div> <div>Due to optimal kinematics the PALIFT hookloader reaches the max. tipping angle</div>	
<div>Headboard</div> <div>Stabile and robust protection headboard to incl. hydraulic tank, holder for equipment and main valve control box</div>	
<div>Fully painted/mounting kit</div> <div>All hook loaders are available fully painted. Therefore PALFINGER provides kits of mounting brackets, as well, which are suitable for all well known truck brands</div>	
<div>Biogradable oil</div> <div>Full synthetic, zinc free BIO OIL available. High performance hydraulic oil which is based on saturated ester combined with special additives</div>	



### Basic data

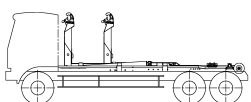
Type	Capacity (kg)	Deadweight (kg)	Container length (mm)	Hook height (mm)	Transport height (mm)	max. tipping angle (°)
						
<b>C 2</b>	2	350	2500 – 3500	900	160	54°
<b>C 3</b>	3	400	2500 – 3500	900	160	53°
<b>C 4</b>	4	560	3000 – 4000	900	160	56°



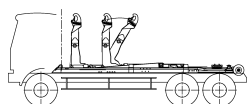
<b>T 5</b>	5	600	3000 – 5000	900	160	52°
<b>T 7 S</b>	7	780	2750 – 5000	900	220	57°
<b>T 7</b>	7	840	2750 – 5000	1450	200	57°
<b>T 7 DUO<sup>*)</sup></b>	5 / 7	920	2750 – 5000	900 – 1450	200	56°
<b>T 10</b>	10	1020	3000 – 5750	1450	220	54°
<b>T 10 DUO<sup>**)</sup></b>	7 / 10	1100	3000 – 5750	900 – 1450	220	54°
<b>T 13</b>	13	1470	3000 – 6500	1450	220	53°
<b>T 15</b>	15	1540	3000 – 6500	1450	220	52°

<sup>\*)</sup> T 7 DUO: 5 ton - on hookheight 900 mm, 7 ton on - hookheight 1450 mm

<sup>\*\*)</sup> T 10 DUO: 7 ton - on hookheight 900 mm, 10 ton on - hookheight 1450 mm



<b>T 17</b>	17	2210	3900 - 6500	1450	195	56°
<b>T 20</b>	20	2350	4100 – 7100	1450	195	56°
<b>T 22</b>	22	2450	4100 – 7100	1450	195	56°



<b>T 17 A</b>	17	2410	3500 – 6600	1450	195	54°
<b>T 20 A</b>	20	2550	3500 – 7100	1450	195	54°
<b>T 22 A</b>	22	2650	3500 – 7100	1450	195	54°

With the broadest product range on the market we can offer solutions for all conceivable types of jobs. Comprehensive know how, many years of experience and convincing performance features are what make our hookloaders special.

- Weight depends on equipment and unit length
- Container length depends on locking system and unit length; the stated container lengths refer in each case to the shortest and longest unit length
- Maximum tipping angle depends on equipment and unit length
- Lifting capacity depends on the container length, truck frame height and hook height
- All hookloaders from T 7 and stronger are also available with hookheight 1570 mm (acc. DIN regulations)