

# TELESCOPIC HOOKLOADER

**PALFINGER**

LIFETIME EXCELLENCE

**OPTIMIZED DESIGN FOR MAXIMUM PAYLOAD  
THE MOST EFFICIENT IN OPERATION –  
THE SMART CHOICE FROM 5 TO 30 TONS**



# SOLUTIONS ADAPTED TO YOUR NEEDS

# 15

HIGHLIGHTS



**HIGH PAYLOAD**

- Use of high-tensile steel reduces hookloader weight for more payload
- Optimized weight increases truck longevity and reduces fuel costs



**LOW TRANSPORT HEIGHT**

- Low built and compact subframe enable low transport height. The low centre of gravity provides better and safer driving conditions
- Loading of higher containers for increased transported volume



**CUSTOMER ORIENTED DESIGN**

- Low maintenance : Threads in the pins for easy removal, greasing free sliding parts ...
- Safety is a major focus of our developments (life time cycles tests, FEM calculations, risk analyses ...)



**LONGEVITY**

- Casted parts provide longevity and robustness (hook, rear pivots, hinge supports ...)
- They increase product lifetime and resale value



**POP – PALFINGER ORIGIN PROTECTION**

- Increased lifetime: Before assembling the main components are sand-blasted, degreased, primer painted and electro statically final coated (according to customer specification). All other parts are anticorrosion treated.
- According ISO 12944 Class 3–15 years



**INCREASED TIPPING CAPACITY**

- Telescopic hookloaders are bi-point units – this reduces horizontal forces and increases tipping capacity





#### SAFETY LATCH

- Mechanic safety latch secures the container from falling off during loading & unloading. This latch moves automatically by gravity
- Pneumatic safety latch is opened on demand by the driver



#### HYDRAULIC TELESCOPIC UNDERRIDE PROTECTION

- Function integrated on cab control with information when the URP is out (transport position). Also available in manual version.
- Standard KTL (cathodic dip painting) treated and Black coated



#### STABILIZERS

- Axle stabilizer (picture) for 6x4, 8x4, 6x6 trucks
- Rear Roller stabilizer: defined by the truck stability calculation



#### OPTIMIZED SPEEDS

- BI SPEED : low speed to easily catch the container bar – Standard on each unit
- RAPID MOTION reduces cycle time by increasing the hookloader speed, (for use with empty container or without container) – available from T13



#### HYDRAULIC ADJUSTABLE HOOKHEIGHT

- T07 DUO & T10 DUO
- Allows the handling of containers with different hook heights (small and big) and offers a great flexibility of container fleet



#### HYDRAULIC LOCKING

- For crane on cradle : secures the container in the front while the crane operates – from P14/P14A
- For very high & long containers, tank containers or containers with hydraulic device



#### CAB CONTROL

- Ergonomic and intuitive. All check lights are on the control
- Magnetic fastening and thin cable facilitate the cab control manipulation



#### SOFT STOP

- Soft landing after loading & tipping – available from T13
- Saves the truck, the hookloader and the container from shocks & reduces noise.



#### ARTICULATED ARM

- Allows very low loading angle and avoids any load sliding
- Allows under roof and under floor loading

# THE RIGHT TELESCOPIC WITH THE RIGHT CHASSIS

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<b>TELESCOPIC</b>	5								
	7								
	10								
	13								
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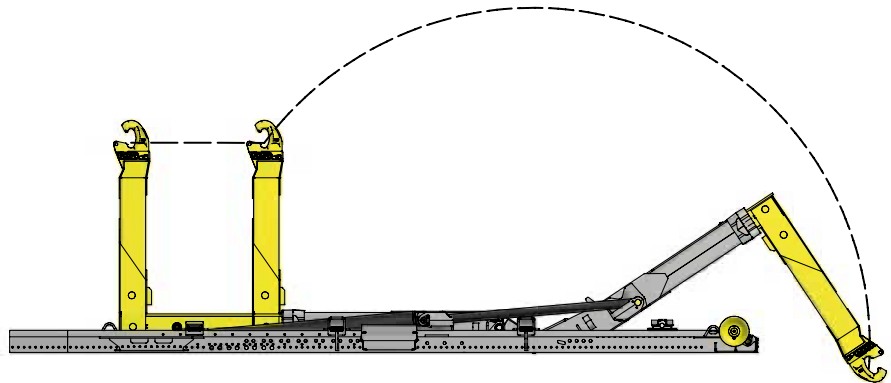
	UNIT LENGTH (mm)	CONTAINER LENGTH (mm)	WEIGHT (kg)	MAX. TIPPING ANGLE (°)	TRANSPORT HEIGHT (mm)
<b>T05</b>	3355-4055	2750-5000	580-620	48	160
<b>T07</b>	3570-4770	2750-5600	800-880	53	180
<b>T07DUO</b>	3570-4770	2750-5600	880-960	53	230
<b>T07S</b>	3550-4600	3000-5500	1020-1110	51	220
<b>T10</b>	3350-4900	2500-5800	1050-1160	51	220
<b>T10DUO</b>	3550-4900	2750-5800	1130-1230	51	220
<b>T13</b>	3800-5600	3000-6600	1470-1650	50	220
<b>T13A</b>	4180-5730	2500-6800	1750-1900	50	220
<b>T15</b>	4300-5600	3200-6600	1530-1670	50	220
<b>T15A</b>	4180-5730	2500-6680	1780-1920	50	220
<b>T18</b>	4300-6300	3250-7330	1960-2270	49	240
<b>T18A</b>	4675-6325	3000-7380	2300-2550	50	240
<b>T20</b>	4750-6300	3500-7330	2070-2315	49	240
<b>T20A</b>	5025-6325	3200-7380	2380-2585	49	240
<b>T22</b>	4750-6600	3500-7770	2200-2500	48	240
<b>T22A</b>	5025-6725	3000-7830	2450-2700	48	240
<b>T24</b>	5100-5850	4000-6910	2300-2400	48	240
<b>T24A</b>	5375-5975	3400-6980	2550-2650	48	240
<b>T26</b>	5510-6735	4000-8000	2780-3040	49	280
<b>T26A</b>	5735-6735	4500-8000	3080-3300	50	280
<b>T30</b>	5700-6800	4200-7800	3000-3190	51	280

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



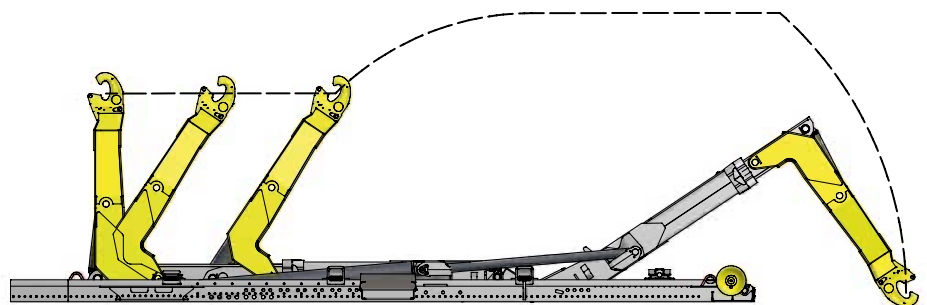


## TELESCOPIC



- Different container lengths loading
- High payload
- Low transport height
- Increased tipping capacity
- Universally applicable

## TELESCOPIC A



- Articulated hook arm system
- Flat loading curve
- Under floor loading
- Under roof loading
- Ability to handle shorter containers



