



USER FRIENDLY

POP & SAM

OPTIMISED MAINTENANCE

TRUCKS - GVW UP TO 9t



USER FRIENDLY

- Ergonomic & intuitive control system
- Safe operation
- Loading containers of different lengths
- Proven reliability



POP & SAM

POP - Palfinger Origin Protection

- 15 years integral protection (ISO12944 classe 3)
- Painting of main parts before assembly
- Zinc Nickel protection on unpainted parts

SAM - Secured Advanced Mounting

- Fixation holes along the whole length of the sub-frame
- Standardisation of mounting
- Interchangeability of mounting accessories



OPTIMISED MAINTENANCE

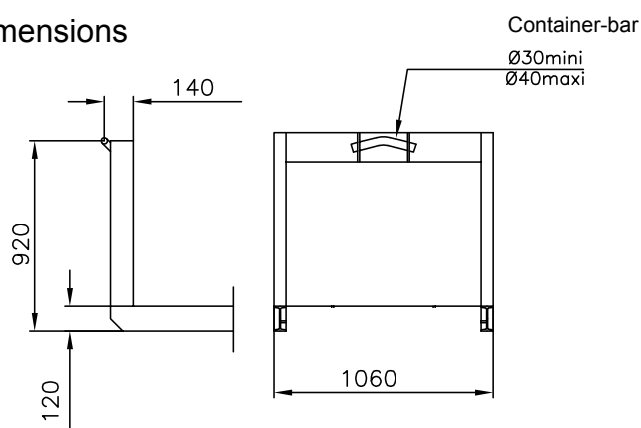
- Grease free composite bushes on all rotating points
- Accessible arm guiding plates
- Bolted container-rests

PH T 05 SLD 3



SPECIFICATIONS

Dimensions



28 s



26 s

with 30l/min oil flow

- Containers acc. NF R17-108 classe 1
- Hydraulic rear lock (3001)
- Lifting capacity: 5t (900 mm chassis-height)

Options (only short selection)

- Bio oil (9780)
- Mechanical hook safety (2001)
- Mechanical under-ride-protection predisposition (6712)
- Additional hydraulic valve element (6701-6704)

Mounting accessories:

- SAM kit
- Under-ride-protection
- Toolbox...

Available lengths

Unit length (mm)	3000	3150	3300	3600	3900
Max. container length* (mm)	3800	4000	4200	4400	4800
Min. container length* (mm)	2800	2800	3000	3200	3400
Transport height (mm)	180	180	180	180	180
Weight (kg) **	660	665	670	685	685
Tipping angle (°)	50	50	46	48	45

* container length to validate acc. Axle load calculation and local regulations. For containers without mechanical stop

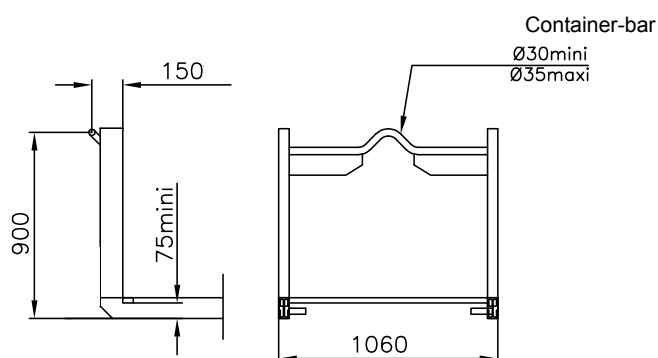
** according options

PH T 05 SLD 3

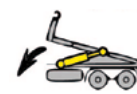


SPECIFICATIONS

Dimensions



28 s



26 s

with 30l/min oil flow

- Containers acc. DIN30722 - 3
- Hydraulic (3001/3007) or mechanical (3206) rear lock
- Lifting capacity: 5t (900 mm chassis-height)

Options (only short selection)

- Bio oil (9780)
- Mechanical hook safety (2001)
- Mechanical under-ride-protection predisposition (6712)
- Additional hydraulic valve element (6701-6704)

Mounting accessories:

- SAM kit
- Under-ride-protection
- Toolbox...

Available lengths

Unit length (mm)	3000	3150	3300	3600	3900
Max. container length* (mm)	3750	4000	4250	4500	4750
Min. container length* (mm)	2750	2750	3000	3250	3500
Transport height (mm)	180	180	180	180	180
Weight (kg) **	660	665	670	685	685
Tipping angle (°)	50	50	46	48	45

* container length to validate acc. Axle load calculation and local regulations. For containers without mechanical stop

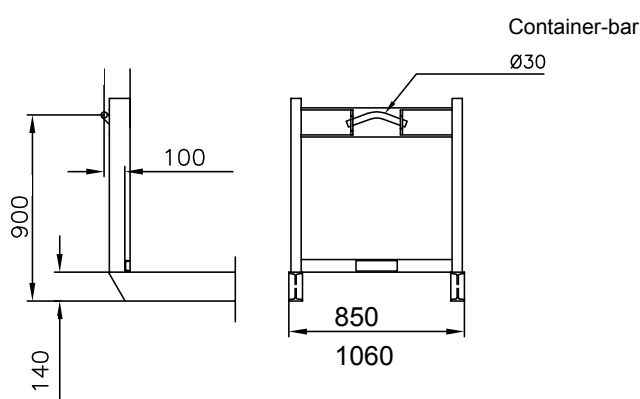
** according options

PH T 05 UNI SLD 3



SPECIFICATIONS

Dimensions



28 s



26 s

with 30l/min oil flow

- Containers acc. GUIMA & NF norms
- Hydraulic rear lock (3001)
- Lifting capacity: 5t
(900 mm chassis-height)

Options (only short selection)

- Bio oil (9780)
- Mechanical hook safety (2001)
- Mechanical under-ride-protection predisposition (6712)
- Additional hydraulic valve element (6701-6704)

Mounting accessories:

- SAM kit
- Under-ride-protection
- Toolbox...

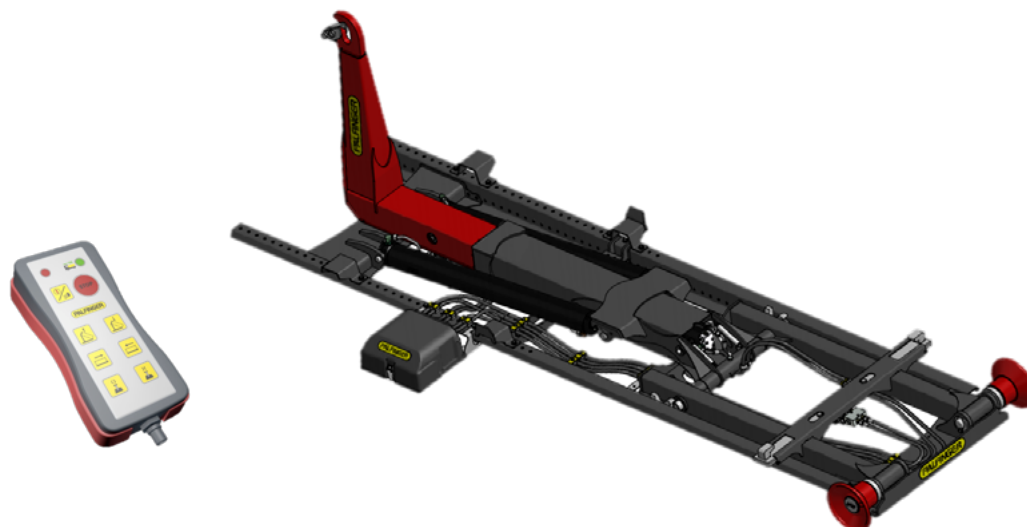
Available lengths

Unit length (mm)	3000	3150	3300	3600	3900
Max. container length* (mm)	3800	4000	4200	4400	4800
Min. container min. length* (mm)	2800	2800	3000	3200	3400
Transport height (mm)	180	180	180	180	180
Weight (kg) **	660	665	670	685	685
Tipping angle (°)	50	50	46	48	45

* container length to validate acc. Axle load calculation and local regulations. For containers without mechanical stop

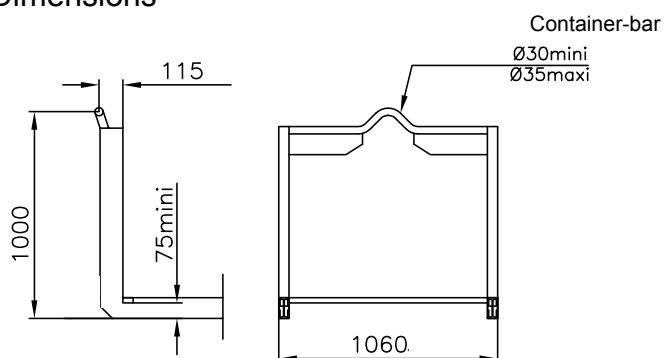
** according options

PH T 05 SLD 3



SPECIFICATIONS

Dimensions



28 s



26 s

with 30l/min oil flow

- Hydraulic rear lock (3007)
- Lifting capacity: 5t (900 mm chassis-height)

Options (only short selection)

- Bio oil (9780)
- Mechanical hook safety (2001)
- Mechanical under-ride-protection predisposition (6712)
- Additional hydraulic valve element (6701-6704)

Mounting accessories:

- SAM kit
- Under-ride-protection
- Toolbox...

Available lengths

Unit length (mm)	3000	3150	3300	3600	3900
Max. container length* (mm)	3750	4000	4250	4500	4750
Container min. length* (mm)	2750	2750	3000	3250	3500
Transport height (mm)	180	180	180	180	180
Weight (kg) **	660	665	670	685	685
Tipping angle (°)	50	50	46	48	45

* container length to validate acc. Axle load calculation and local regulations. For containers without mechanical stop

** according options

Nominal Structure: 5t

Lifting capacity: 5t

WARRANTY

1 year warranty for all parts

3 years warranty for structural parts

DOCUMENTS

Operation Manual

Service book

Spare parts catalogue (option)

HYDRAULIC

Oil supply: hydraulic pump

Oil flow: 25 to 40L/min

Operating pressure: 25MPa

Monobloc main valve with direct electric activation and pilot operated main pressure relief valve

Load holding valve or check valve on all cylinders

TRUCK SPECIFICATION

GVW: 5,5t to 9t

Wheel-formular: type 4x2

Wheelbase mini: 3000mm

Voltage: 12V or 24V – 10Amp

PTO: mini. torque 135 Nm

MAIN PARTS

Main components manufactured with high tensile steel (S460 MC)

Bolted container-rests

Grease free composite bushes on all rotating points

Telescopic sliding arm guiding with synthetic pads

Sub-frame with Z-profiles with drilled holes for bolted installation

Casted pulleys Ø120mm

Rear hydraulic lock with improved protection of cylinder and sensor

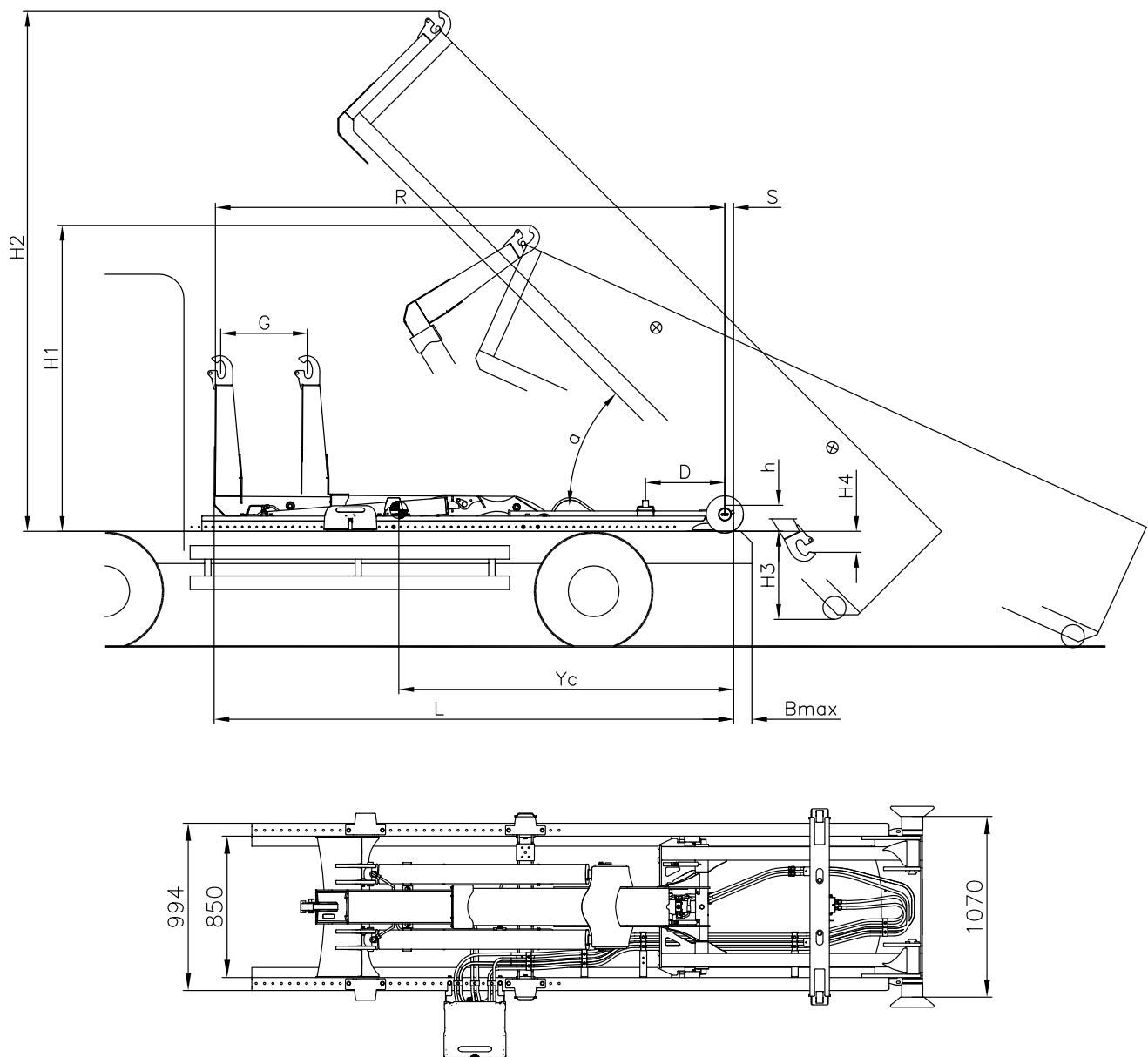
SAFETY

- Desactivation of rear hydraulic locking and sliding arm during tipping
- Pressure relief valve on lifting cylinders to avoid overloading
- Desactivation of main cylinders if
 - tipping frame is lifted during loading/unloading
 - the rear hydraulic locking in intermediate position
- Mechanical locking
 - tipping frame / sub-frame in loading position
 - hinge / tipping frame in tipping position

Lifting capacity
(based on truck chassis height)

Capacity (t)		Length				
		3000	3150	3300	3600	3900
Height	750	5.8	5.8	5.8	6	6
	800	5.4	5.4	5.4	5.7	5.7
	850	5.2	5.2	5.2	5.4	5.4
	900	5	5	5	5.1	5.1
	950	4.7	4.7	4.7	4.8	4.8
	1000	4.3	4.3	4.3	4.5	4.5

DIMENSIONS



Length (mm)	3000	3150	3300	3600	3900
R	2940	3110	3240	3540	3860
S	60	60	60	60	60
D	300	300	450	550	700
G	503	653	653	603	753
h	180	180	180	180	180
Yc	1575	1645	1725	1875	2025
Bmax	100	100	100	100	100
H1	1955	1955	1955	2120	2120
H2	3080	3080	3080	3485	3485
H3	600	635	635	575	610
H4	185	185	185	145	145
α	50	50	46	48	45