

Hooklift trailers 19t - 32t





Palfinger® hooklift

RCM Range

RCM 19 / RCM 24 / RCM 29 / RCM 32



RCM RANGE 14 to 25t of removable payload

EQUIPMENT		RCM 19	RCM 24	RCM 29	RCM 32
HITCH 	Sprung suspension drawbar adjustable in height on 3 positions	●	●	●	●
	Hydraulic suspension drawbar	○	○	○	○
	Hydraulic crutch with hand pump	●	●	●	●
	Ø80 mm removable coupling ball on Scharmüller universal plate	○	○	○	○
	Ø50 mm removable coupling ring on Scharmüller universal plate	○	○	○	○
	Large angle PTO	○	○	○	○
UNDER CARRIAGE 	Low mounting tandem axles with connecting rods	●	●	●	–
	Low mounting tridem axles with connecting rods	–	–	–	●
	Free steering rear axle	–	–	–	●
	Free steering rear axle	○	○	○	–
	Free steering front axle	–	–	–	○
	Anti-tilting cylinders on rear axle	●	●	●	●
	Active steering for 1 axle ¹	○	○	○	○
	Active steering for 2 axles	–	–	–	○
	Steering axle locking indicator	○	○	○	○
	Hydraulic braking	●	●	●	●
	Emergency brake by nitrogen ball	●	●	●	●
	Mixed hydraulic and air braking (25km/h homologation)	○	○	○	○
	Air braking (40km/h homologation)	–	○	○	○
	Predisposition for air brakes (40km/h homologation)	–	○	○	○
LINK HOOK CONTAINER 	Palfinger® POWER hooklift bolted on chassis	●	●	●	●
	Rear hydraulic locking of the container	●	●	●	●
	Front hydraulic locking of the container	○	○	○	○
	Wired control with joystick in cabin	●	●	●	●
	Double hydraulic line with 2 rear push-pull	○	○	○	○
	Articulated hanger arm	○	○	○	○
	Rear lifting	○	○	○	○
CHASSIS CONTAINER 	Low height tubular chassis	●	●	●	●
	HSLA (High Strength Low Alloy) steel, thickness 8mm	●	●	–	–
	HSLA (High Strength Low Alloy) steel, thickness 10mm	–	–	●	●
	Double LED lights with protection grid	●	●	●	●
	Rear bumper Standard 2020	●	●	●	●
	Lateral orange lights & marker lights Standard 2020	●	●	●	●
	Fixed mudguards	○	○	○	○
	Agriculture container on frame (volume 28m ³) ^{2,3}	○	○	○	○
	Construction container on frame (volume 12m ³) ^{2,3}	○	○	○	○
	Machinery loader on frame, from 14 to 20T of payload ³	○	○	○	○
	Pumping or watering tank on frame, from 6 000 to 22 000L of volume ³	○	○	○	○

● standard ○ option – not available

¹ needs to include the option "free steering axle"

² various types of mechanical/hydraulic openings available

³ consult us



Compliance

Our hooklift trailers comply with the European applicable directives and therefore have the EC (European Compliance) marking.



Tyres

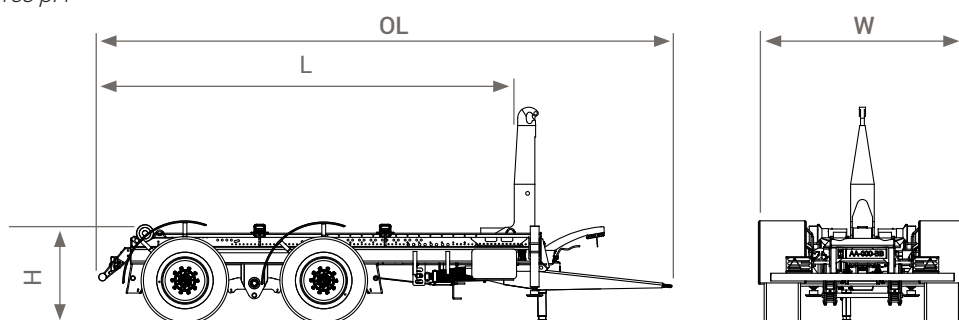
Have a look at our catalogue of tyres to equip your machine according to your soils and uses.
see list p.4



TECHNICAL DATA

Type	GW ¹ t	PL ² t	In-use dimensions		Axles		brakes dim. for 40km/h predisposition mm x mm	Tyres ⁴
			H mm	length of containers mm	data nb axles x section (mm) / nb_holes	brakes mm x mm		
RCM 19	19	14	1110	5200 to 6200	2x100/10	350x90	–	16,5X22,5
RCM 24	24	17	1200	5200 to 6200	2x120/10	400x80	406x140	18x22,5
RCM 29	29	21	1270	5400 to 6400	2x150/10	406x140	420x220	18x22,5
RCM 32	32	25	1230	6000 to 7200	3x130/10 ³	400x80	406x140	18x22,5

¹Gross weight ²Payload ³including one free steering axle ⁴other tyres available as option,
see table of tyres p.4



Nota : L, M, N dimensions are defined according to the chosen equipment.

One day of work, 3 sites with 3 different equipment, for one and the same trailer.

With Gourdon's hooklift trailer equipped with Palfinger® POWER hooklift, multiply your sites and optimize your workday without never uncoupling your towed equipment.



8h15

Digestate landfilling in harvest fields.



13h30

Hooking and transport of a grain container to prepare seeding.



15h45

Cleaning of the roads at the end of the workday.



COMPATIBLE TYRES available as option

	RCM 19	RCM 24	RCM 29	RCM 32
445/65 R22,5 Neuf	○			
550/60x22,5 16P ALLIANCE IMPORT	○			
550/60x22,5 16P ALLIANCE A328	○			
560/60 R22,5 ALLIANCE A380	○	○		○
560/60 R22,5 ALLIANCE A390	○	○		○
560/60 R22,5 ALLIANCE A885	○	○		○
560/60 R22,5 NOKIAN COUNTRY	○	○		○
560/60 R22,5 NOKIAN CT	○	○		○
560/60 R22,5 HD CARGO MICHELIN	○	○		○
580/65 R22,5 NOKIAN COUNTRY		○	○	○
600/55 R26,5 ALLIANCE A380		○	○	○
600/55 R26,5 ALLIANCE A390		○	○	○
600/55 R26,5 ALLIANCE A885		○	○	○
600/55 R26,5 NOKIAN CT		○	○	○
600/55 R26,5 HF CARGO MICHELIN		○	○	○
600/55 R26,5 BKT FL630SB		○	○	○
600/55 R26,5 BKT FL693M		○	○	○
620/60 R26,5 NOKIAN COUNTRY		○	○	○
24x20,5 XS MICHELIN		○	○	○



RCM 32

The towed versatility without neglecting on the payload



RCM 24

The ideal multi-tasking equipment



HYDRAULIC SUSPENSION DRAWBAR

Compensates road constraints and offers driving comfort.

BOLTED CHASSIS

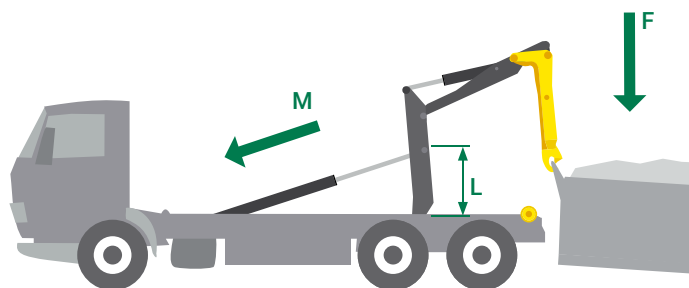
Maintains the integrity of the (HSLA) steel used in the manufacturing of the hooklift.

REAR LIFTING

Permits the rear lifting of containers for a draining into low height seeders. Steering mudguards.

With Palfinger® POWER hooklift, an optimized kinematic for a maximum dumping & loading power.

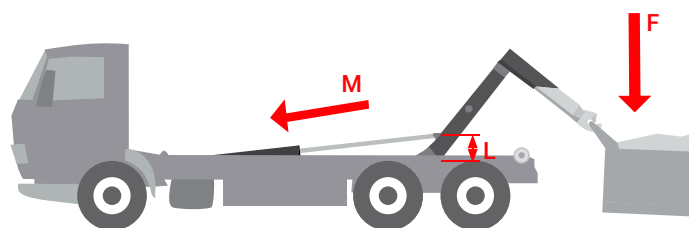
Comparative of hooklifts in action :



Palfinger® POWER hooklift

The cylinder's position from the pivot point (length L) offers an optimum lifting capacity for a reasonable hydraulic pressure. This set-up offers a unique power which can be up to 60% higher compared to a classic solution.

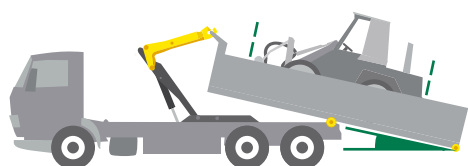
- ✓ less pressure :
- less deterioration of hydraulic components



Classic hooklift

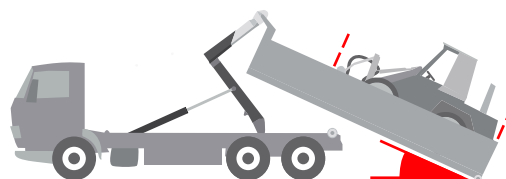
The "flat" position of the cylinder limits the lifting power because of the short L distance. On this setup, the power and lifting capacity are severely limited and put a high pressure on the cylinder.

LOW ANGLE OF LOADING



Palfinger® POWER hooklift

The articulated hanger arm offers a lower angle of loading. It helps avoiding any slipping of the cargo outside of the container.



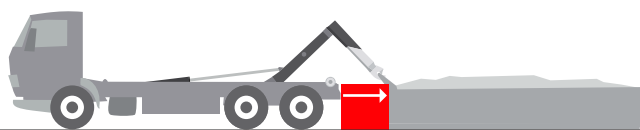
Classic hooklift

LOADING IN NARROW SPACES



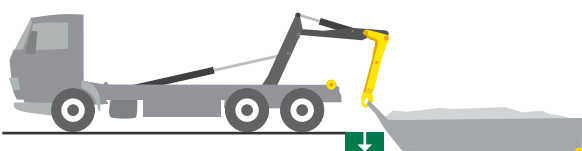
Palfinger® POWER hooklift

The kinematic of the Palfinger® POWER hooklift helps the loading of equipment close to the chassis.



Classic hooklift

LIFTING OF CONTAINERS IN NEGATIVE POSITIONS (up to -0,9m)



Palfinger® POWER hooklift

The design of the Palfinger® POWER hooklift lets you hook containers from deep pits.



Classic hooklift

Turn transport simple.

Specialized in the manufacturing of trailers for more than 40 years, Gourdon SA is a family business which makes the choice to place its expertise at your disposal to offer smart and quality equipment.



RELIABILITY

Rugged and heavy-duty components, optimized structures and Gourdon patented technologies are as many features that guarantee you a lifetime excellence.

SERVICE

An after-Sales service managed by professionals here to advise you. Thanks to your serial number, access the spare parts tool on our website.

INNOVATION

Key technologies developed by Gourdon to serve your productivity and your safety. Mastered in-house design and production.

COMFORT

Technical, ergonomic and optimized solutions to ease the coupling of the trailer, as well as the loading and the securing of the equipment.



Like Christophe,
multiply sites and reduce the maintenance costs of your equipment.



Thanks to the Gourdon - Palfinger partnership, I can switch equipments on my hooklift trailer as I do with my telescopic forklift. The hooklift helps me load and unload all types of equipment (grain containers, tanks, loaders...) without never uncoupling it from my tractor. Then, I have the ability to work on various sites on the same day.

With the same chassis, I can adapt the towed equipment to the seasonal work. Therefore, I only have one undercarriage to maintain all year long.

The optimized kinematic of the POWER hooklift lets me load containers without spilling the harvest thanks to a reduced-size loading angle.

GOURDON FRÈRES, PLC with a share capital of 310 000€

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