



STRONG PARTNERS. TOUGH TRUCKS.

**Powered Rider Pallet Truck
RP2.0N, RP2.0-3.0**

2 000 – 3 000 kg



RP2.0N RP2.0 RP3.0 RP2.0N

		HYSTER		HYSTER		HYSTER						
CHARACTERISTICS	1.1	Manufacturer						1.1				
	1.2	Model designation		RP2.0N		RP2.0		1.2				
	1.3	Power: battery, diesel, LPG, electric mains		Battery		Battery		1.3				
	1.4	Operation: manual, pedestrian, stand-on, seated, order picker		Stand-on/Seated		Seated		1.4				
	1.5	Load capacity	Q (kg)		2 000		2 000		1.5			
	1.6	Load centre	c (mm)		600		600		1.6			
	1.8	Load distance	x (mm)		965		965		1.8			
	1.9	Wheelbase	y (mm)		1 622		1 633		1.9			
	WEIGHTS	2.1	Unladen weight		1 100		1 070		1 090		2.1	
2.2		Axle loading with load, front/rear		1 200		1 900		1 270		1 800		2.2
2.3		Axle loading without load, front/rear		860		240		820		250		2.3
WHEELS & TYRES	3.1	Tyres: rubber, polyurethane front/rear		Poly/Poly		Poly/Poly		Poly/Poly		3.1		
	3.2	Tyre size, front		Ø 254 x 127		Ø 254 x 127		Ø 254 x 127		3.2		
	3.3	Tyre size, rear		Ø 85 x 90		Ø 85 x 90		Ø 85 x 90		3.3		
	3.4	Additional wheels (dimensions)		Ø 180 x 75		Ø 180 x 75		Ø 180 x 75		3.4		
	3.5	Wheels, number front/rear (x = driven)		1 x + 1		4		1 x + 1		4		3.5
	3.6	Track width, front	b ₁₀ (mm)		430		635		635		3.6	
	3.7	Track width, rear	b ₁₁ (mm)		380		380		380		3.7	
DIMENSIONS	4.4	Lift height		120		120		120		4.4		
	4.8	Height of seat/platform		930		285		910		420		4.8
	4.15	Lowered height		85		85		85		4.15		
	4.19	Overall length		2 027		2 039		2 039		4.19		
	4.20	Length to face of forks		877		883		883		4.20		
	4.21	Overall width		790		960		960		4.21		
	4.22	Fork dimensions		55 180 1 150		55 180 1 150		55 180 1 150		4.22		
	4.25	Outside fork width		560		560		560		4.25		
	4.32	Ground clearance centre of wheelbase		30		30		30		4.32		
	4.33	Aisle width with pallets 1 000 mm x 1 200 mm wide		2 077		2 105		2 105		4.33		
	4.34	Aisle width with pallets 800 mm x 1 200 mm long		2 277		2 300		2 300		4.34		
4.35	Turning radius		1 842		1 935		1 935		4.35			
PERFORMANCE	5.1	Travel speed with/without load		7,5		9,5		8,5		9,5		5.1
	5.2	Lift speed with/without load		0,029		0,037		0,029		0,037		5.2
	5.3	Lowering speed with/without load		0,048		0,044		0,048		0,044		5.3
	5.8	Max. gradeability, with/without load		8		15		8		20		5.8
	5.10	Service brake		Electromagnetic		Electromagnetic		Electromagnetic		5.10		
POWER UNIT	6.1	Drive motor, S2 60 minute rating		2,6		2,6		2,6		6.1		
	6.2	Lifting motor, S3 10% rating		2,0		2,0		2,0		6.2		
	6.3	Battery DIN 43531/35/36 A,B,C, no		43535 B		A		A		6.3		
	6.4	Battery voltage/capacity at 5 hour rate		24		375		24		460		6.4
	6.5	Battery weight		320		260		260		6.5		
8.1	Drive control		MOSFET		MOSFET		MOSFET		8.1			

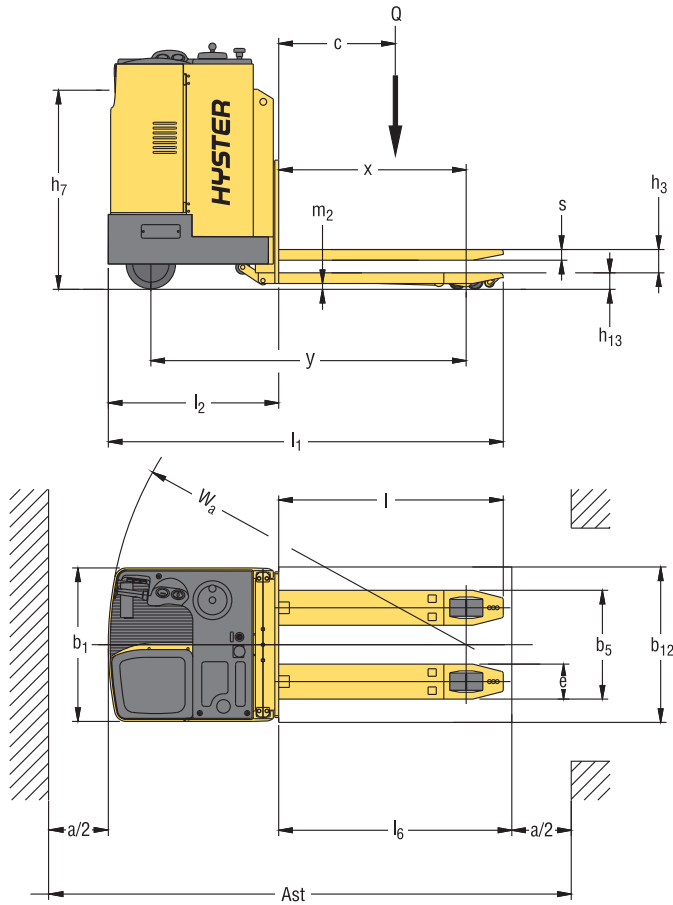
Specification data is based on VDI 2198

Equipment and weight:

Weights (line 2.1) are based on the following specifications:

Complete truck with 180 mm wide forks polyurethane drive and steer tyres.

RP2.0N - truck dimensions



$$Ast = W_a + l_6 - x + a \text{ (see lines 4.33 \& 4.34)}$$

$$a = 200 \text{ mm}$$

Forks:

RP2.0N: 55 x 180 x 1 150 mm long

Fork spacing:

Inside to inside: 200 mm

Outside to outside: 560 mm

Other fork lengths and widths are optional.

NOTE:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. If these specifications are critical, the proposed application should be discussed with your dealer.

Notice

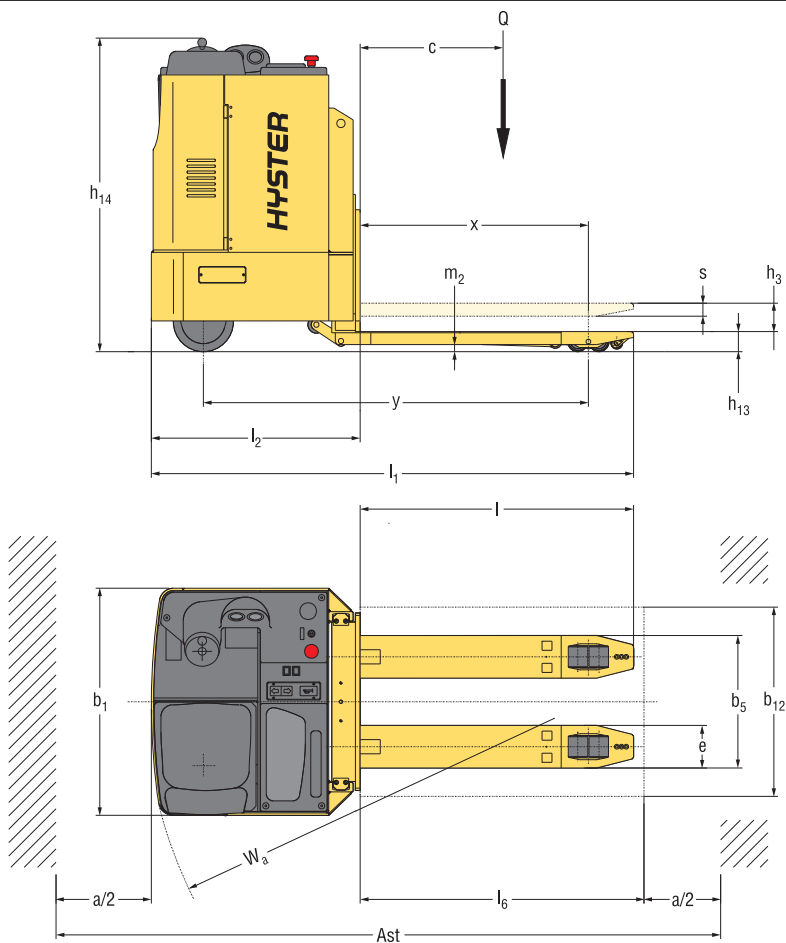
Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. Operators must be trained and adhere to the instructions contained in the Operating Manual.

Hyster products are subject to change without notice. Lift trucks illustrated may feature optional equipment.



This truck conforms to the current EU requirements.

RP2.0-3.0 - truck dimensions



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Product Features

Dependability

- The 4-point wheel layout provides excellent truck stability and traction.
- Tandem load wheels allow truck to carry a wide range of loads and adjust to work surface permitting smoother operation.
- The steel welded chassis provides fully enclosed protection for all internal components.
- Combi MOSFET electronics control allows smooth operation with or without load.

Productivity

- Independently rising forks facilitate load handling.
- Adjustable pull rods provide smooth lowering and even lifting.
- Automatic braking allows better direction control and load handling.
- SEM motor technology provides excellent speed control with or without load, good acceleration and high start-up torque.
- MOSFET high frequency Combi controller ensure good traction and hydraulic control.
- Exit and entry rollers on forks tips permit smooth handling of low boarded pallets.
- A choice of capacity, motor and battery sizes ensure the customer has the exact truck for each application.
- Truck parameter settings can be set via the dash display to suit driver and application.

Ergonomics

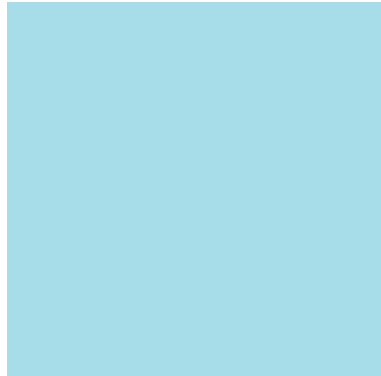
- Ergonomically designed operator compartment designed for maximum operator comfort. This will reduce level of driver fatigue.
- Electronic Fly-by-wire steering ensures quick and effortless steering for excellent manoeuvrability.
- Adjustable steering can be set for resistance and the number of turns lock-to-lock to suit drivers' experience and the application requirements.
- Anti-roll back is available as standard and prevents uncontrolled travel speed and roll-back on ramps when loading or unloading.
- The horn button, and lift and lower lever are located on the dashboard for easy right hand operation.
- An adjustable padded seat provides firm support for the driver, even when operating over long travel distances.
- Speed and braking is controlled by a floor mounted accelerator pedal allowing smooth truck manoeuvrability.
- Adjustable settings allow truck performance to be varied to suit driver and application needs.
- Automatic braking can be adjusted to suit application requirements.

Cost of ownership

- Power is transmitted via helicoidal gears, which are positioned in an oil bath, to reduce component wear and tear.
- Easy access to motor and key components reduces downtime.
- The fixed motor, mounted directly on the reduction unit eliminates flexing of power cables.
- Load wheels and fork levers are fitted with grease points for extended service life in arduous applications.
- The electronic controller with MOSFET technology delivers reliable and cost-effective operation.
- Regenerative braking dissipates the generated heat in the motor increasing the braking effect and reducing maintenance costs.
- Progressive speed control promotes efficient energy consumption.
- The use of SEM technology eliminates the use of forward and reverse contactors.
- Extended Service intervals (12 months or 1 000 hours).

Serviceability

- Easy access to internal component allows quicker and easier maintenance service.
- On board diagnostic display for early warning of maintenance requirements, to eliminate unnecessary downtime.
- Drive wheel is mounted automotive style to the wheel hub for easy replacement.
- A drive wheel position indicator is featured as standard.
- Provision for side battery extraction featuring battery rollers is standard.



**Strong Partners, Tough Trucks,
for Demanding Operations Everywhere.**

Hyster supplies a complete product range, including Warehouse trucks, IC and Electric Counterbalanced trucks, Container Handlers and Reach Stackers.

Hyster is committed to being much more than a lift truck supplier. Our aim is to offer a complete partnership capable of responding to the full spectrum of materials handling issues:

Whether you need professional consultancy on your fleet management, fully qualified service support, or reliable parts supply, you can depend on Hyster. Our network of highly trained dealers provides expert, responsive local support.

They can offer cost-effective finance packages and introduce effectively managed maintenance programmes to ensure that you get the best possible value. Our business is dealing with your materials handling needs so you can focus on the success of your business today and in the future.




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