



**STRONG PARTNERS.
TOUGH TRUCKS.™**



RIDER PALLET TRUCK

RP2.0N-RP2.5N

2 000-2 500 KG



RP2.0N, RP2.5N

DISTINGUISHING MARKS	
1.1	Manufacturer (abbreviation)
1.2	Manufacturer's type designation
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas
1.4	Operator type: hand, pedestrian, standing, seated, order-picker
1.5	Rated capacity/Rated load Q (t)
1.6	Load centre distance c (mm)
1.8	Load distance, centre of drive axle to fork x (mm)
1.9	Wheelbase y (mm)

WEIGHTS	
2.1	Service weight kg
2.2	Axle loading, laden front/rear kg
2.3	Axle loading, unladen front/rear kg

TYRES / CHASSIS	
3.1	Tyres: polyurethane, tophane, vulkollan, front/rear
3.2	Tyre size, front ø (mm x mm)
3.3	Tyre size, rear ø (mm x mm)
3.4	Additional wheels (dimensions) ø (mm x mm)
3.5	Wheels, number front/rear (x = driven wheels)
3.6	Tread, front b ₁₀ (mm)
3.7	Tread, rear b ₁₁ (mm)

DIMENSIONS	
4.4	Lift h ₂ (mm)
4.8	Height of seat / platform h ₇ (mm)
4.15	Height, lowered h ₁₃ (mm)
4.19	Overall length l ₁ (mm)
4.20	Length to face of forks l ₂ (mm)
4.21	Overall width b ₁ / b ₂ (mm)
4.22	Fork dimensions DIN ISO 2331 s/e/l (mm)
4.25	Distance between fork-arms b ₅ (mm)
4.32	Ground clearance, centre of wheelbase m ₂ (mm)
4.33	Load dimension b ₁₂ × l ₆ crossways b ₁₂ × l ₆ (mm)
4.34	Aisle width predetermined load dimensions A _{st} (mm)
4.34.1	Aisle width for pallets 1000mm x 1200mm crossways A _{st} (mm)
4.34.2	Aisle width for pallets 800mm x 1200mm lengthwise A _{st} (mm)
4.35	Turning radius Wa (mm)
4.43	Step height h ₇ (mm)

PERFORMANCE DATA	
5.1	Travel speed, laden/unladen km/h
5.1.1	Travel speed, laden/unladen, backwards km/h
5.2	Lift speed, laden/unladen m/s
5.3	Lowering speed, laden/unladen m/s
5.8	Max. gradeability, laden/unladen %
5.9	Acceleration time, laden/unladen (forks trailing) s
5.10	Service brake

ELECTRIC ENGINE	
6.1	Drive motor S2 60 minute rating kW
6.2	Lift motor, S3 15% rating kW
6.3	Battery according to DIN 43531/35/36 A,B,C, no
6.4	Battery voltage/nominal capacity K5 V/Ah
6.5	Battery weight kg
6.6	Energy consumption according to VDI cycle kWh/h

DRIVE / LIFT MECHANISM	
8.1	Type of drive unit

ADDITIONAL DATA	
10.7	Sound pressure level at the driver's seat dB (A)

HYSTER		HYSTER	
RP2.0N		RP2.5N	
Battery		Battery	
Stand		Stand	
2.0		2.5	
600 ▲		600 ▲	
965		965	
1628		1628	

1010		1010	
1202	1808	1314	2196
755	255	755	255

Vulkollan		Vulkollan	
254 x 90		254 x 90	
85 x 90		85 x 90	
150 x 60		150 x 60	
1x + 1	4	1x + 1	4
492		492	
346		346	

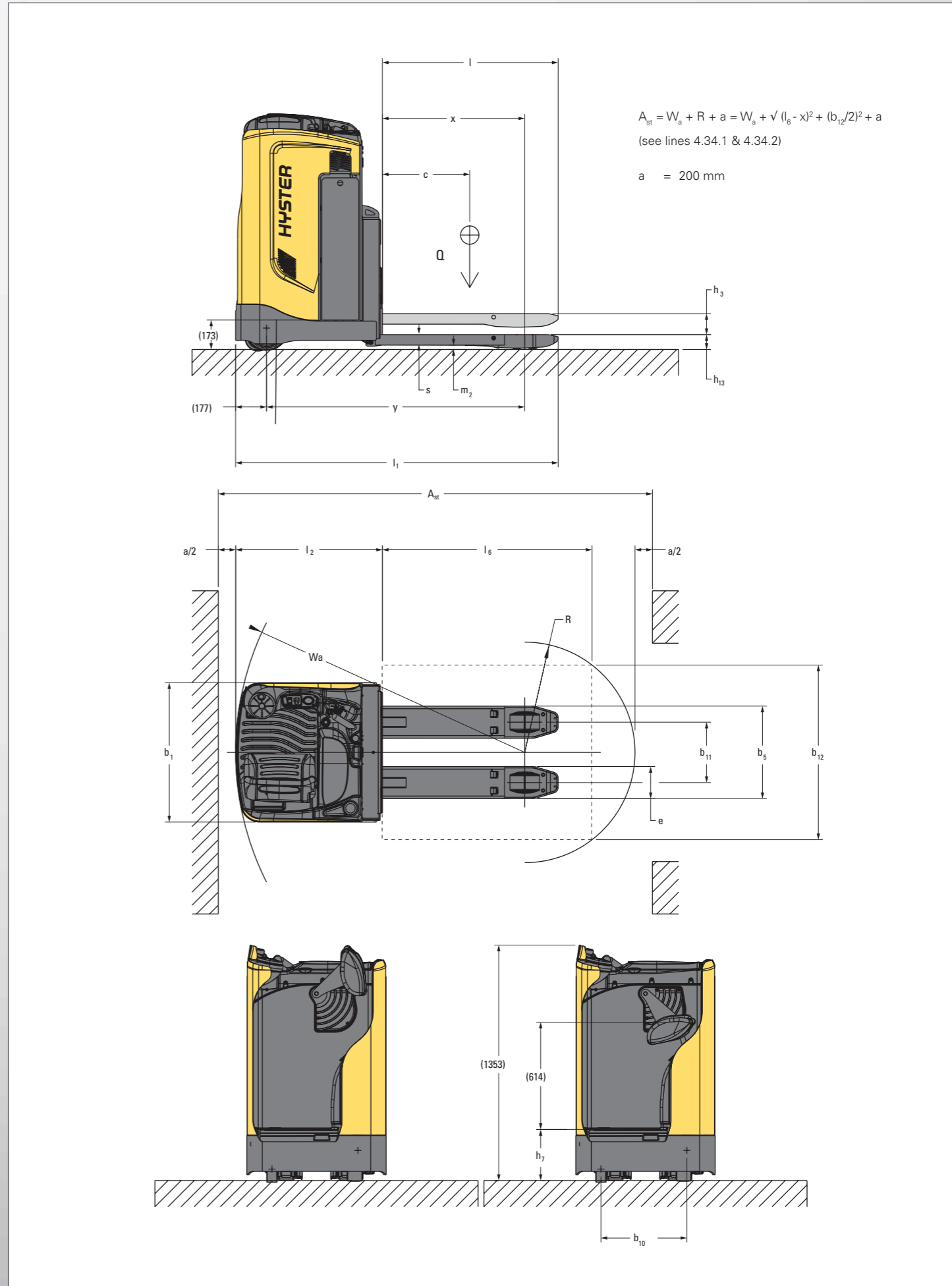
120		120	
907	293	907	293
85		85	
1996		1996	
840		840	
798		798	
60	184	60	184
1156		1156	
530		530	
25		25	
800 x 1200		800 x 1200	
2465		2465	
2554		2554	
2465		2465	
1801		1801	
293		293	

9.5		12.5		9.5		12.5	
9.5		9.5		9.5		9.5	
0.027		0.037		0.020		0.037	
0.064		0.030		0.064		0.030	
10.0		24.5		8.3		24.5	
6.6		4.8		7.1		4.8	
Electro Magnetic		Electro Magnetic		Electro Magnetic		Electro Magnetic	

2.6		2.6	
1.2		1.2	
no		no	
24	465	24	465
366 +		366 +	
0.4		0.4	

AC Controller		AC Controller	
69.5		69.5	

TRUCK DIMENSIONS



Specification data is based on VDI 2198

EQUIPMENT & WEIGHT: Weights (line 2.1) are based on the following specifications:
Complete truck with 560 x 1175 mm forks, Vulkollan/Vulkollan driver and load wheels.

FORKS

b ₅ = 480 - 530 - 560 - 670 mm																
b ₁₁ = 296 - 346 - 376 - 486 mm																
	C	I	x ⊗	I-x	l ₅	b ₁₂	R	y ⊗	l ₂	l ₁	Wa ⊗	a	A _{st} ←	Forks weights ▸		
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg		
SHORT	500	1006	965	191	1000	800	441	1478	840	1846	1655	200	2296	147		
	600	1156		191	1200	1000	552						2557	156		
	700	1406	441	1400	800	591	2246	165								
	800	1596	1051	545	1600	800	679	1714					2436	1891	2770	173
	1000	1956	1405	551	2000	1200	845	2068					2796	2245	3290	204.5
	1100	2156		751	2200	800	890	2996					3335	212.5		
	1200	2356		951	2400	800	1072	3196					3517	220.5		
LONG	1200	2356	1860	496	2400	800	672	2523	840	1846	1655	200	3572	229 *		
	1500	2856		996	3000	1200	1288	2523					3696	2700	4188	249 *
UK	1000	1956	1356	600	2000	1200	880	2019	840	1846	1655	200	2796	2196	3276	205.5
	1100	2156		800	2200	800	934	2996					3330	213.5		
	1200	2356		1650	706	2400	800	850					2313	3196	2490	3540

For all batteries



Tall operator in sitting position



Short operator in sitting position



Tall operator in leaning position



Short operator in leaning position



Tall operator in standing position



Short operator in standing position

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. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster Truck.

❖ See forks table.

▲ Applies to one pallet = 1200 mm.

▼ These values may vary by +/- 5%.

◇ Values obtained with 40 cycles

† Stacking aisle widths (lines 4.34.1 & 4.34.2) are based on the VDI standard calculation as shown on illustration. The British Industrial Truck Association recommends the addition of 100 mm to the total clearance (dimension a) for extra operating margin at the rear of the truck

✦ The battery weight in the table refers to Sunlight battery. The battery weight may change according to supplier: Enersys 381 kg | Midac 393 kg

FORKS TABLES

⊗ With forks lowered. With forks raised add 68mm.

← Aisle width for pallets lengthwise.

▸ All weights are: forks + tie rods.

* For models RP2.5N +22 Kg.

♣ For models RP2.5N +16 Kg.

STANDARD EQUIPMENT AND OPTIONS

FEATURE	RP2.0N	RP2.5N
Grab handle	x	x
Seat with seat/lean system	x	x
Multifunctional Display	x	x
Keyless access	o	o
Rocker Switch Directional Control	x	x
Mini lever hydraulic control	x	x
Secondary lever for double pallet handling	o	o
Fixed steering wheel	x	x
Standard steering	x	x
Reverse steering	o	o

FEATURE	RP2.0N	RP2.5N
Travel speed 9.5 km/h reverse	x	x
Travel speed 12.5 km/h forward	x	x
Speed slow down on cornering	x	x
Audible alarm (choice of forks leading, forks trailing, both travel directions)	o	o
Electrical horn	x	x
Error codes on display	x	x
Lift cut out by sensor	x	x
Multipurpose bar	x	x
Beverage holder and document tray	x	x
A4 clipboard	o	o
Stretch film roll holder	o	o
Work lights x 1 (pallet facing)	o	o
Rubber bumper SPED SPED	o	o
Cold store protection - 30° C	o	o
Twin battery change station (fixed)	o	o
Side battery change - battery tray rollers	x	x
Extension cable	o	o
Single polyurethane load wheel	x	x
Tandem polyurethane load wheels	o	o
Vullokolan drive tyre	x	x
Topthane PU75 drive tyre	o	o
Wet surface drive and load wheels	o	o
Antistatic drive tyre	o	o
Rubber drive tyre	o	o
Standard Castor wheel	x	x
Sprung Castor wheel	o	o
DC/DC converter 12V 2,5A	o	o
Load guard (1800 mm)	o	o

FEATURE	RP2.0N	RP2.5N
Chassis width (max)	x	x
Fork Carriage widths	o	o
	530 mm	o
	560 mm	o
	670 mm	o
Fork Carriage lengths	o	o
	1006 mm	o
	1156 mm	x
	1406 mm	o
	1606 mm	o
	1965 mm	o
	2156 mm	o
	2356 mm	o
	2856 mm	o
Battery sizes	x	x
	792 x 212 x 814 mm	

STANDARD EQUIPMENT AND OPTIONS

- x Standard equipment
- o Optional equipment

SPED - Special Products Engineering Department

NOTICE

Care must be exercised when handling elevated loads. When the carriage and/or load is elevated, truck stability is reduced. It is important that the mast tilt in either direction is kept to a minimum when loads are elevated.

Operators must be trained and must read, understand and follow the instructions contained in the Operating Manual.

All values are nominal values and they are subject to tolerances. For further information, please contact the manufacturer.

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

Values may vary with alternative configurations.

CE Safety:

This truck conforms to the current EU requirements.

PRODUCT FEATURES

The new tough Hyster® Rider Pallet Truck is designed for efficiency for operations at medium to long distances. It has excellent manoeuvrability, control and visibility. The all-new Rider Pallet Truck is built with the quality hallmarks of Hyster: tough, intelligent, dependable and efficient.

DEPENDABILITY

- New Rider Pallet Truck feature modular design of frame, operator compartment and fork carriage.
- Completely welded stiff and strong base frame is available in 798mm width, with choice of 4 different fork widths and 8 different lengths to match demanding applications requirements.
- The bumper is a single piece 10mm thick construction - no splits or bolted joints, to reduce potential service risk.
- The side panels made from 5mm pressed steel are built into the exterior of truck to reduce risk of damage.
- Parts commonality with other Hyster products, with proven reliability and durability.

PRODUCTIVITY

- The new, improved Hyster traction motor gives powerful acceleration and has an increased travel speed of up to 12.5km/h.
- Two different steering modes: Standard steering and Reverse steering as option.
- Full AC infrastructure on drive and steering motors allows seamless changes in direction of travel, increasing cycle speeds and the control of pallet handling operations.
- Adjustable speed reduction on cornering feature provides smooth load handling and precise direction control.
- Mini levers for all hand controlled main hydraulic functions within finger reach position.
- The seat / lean arrangement enables the operator to either sit during long traction runs or lean when operating in back of the trailer.

ERGONOMICS

- New operator compartment layout is optimised for ergonomics and operator space. The low 292mm step height and industry widest 470mm entry provides improved ingress / egress.
- The new seat design with seat / lean system combines swinging seat cushion with fixed back rest, housed on side panel enabling the adjustment of the seat position between the horizontal seat and vertical lean / stand by push of a button.
- The driver comfort is enhanced through introduction of a market leading floor area (0.217m²) allowing operators to take up various comfortable positions reducing fatigue over long shifts.
- Suspended floorplate reduces shocks felt by driver and cushioned floor mat improves comfort for the driver.
- The operator presence switch, incorporated in floorplate, is designed to ensure that the driver's foot is always within the driver compartment.
- Left hand steering with accelerator finger / thumb operation provides option on how driver operates control. Useful for different hand dimensions and limits fatigue by allowing operator to change position throughout the shift.
- 155mm steering wheel with spinner fixed position is set at 10-degree inclination.
- The hand grip is fixed directly to the frame and does not include any controls ensuring a strong and solid grip.
- Position of display in front of operator allows for easy reading without disturbing visibility.
- Storage is available below armrest and in front of drivers legs, while storage for drink bottle is provided behind the drivers right arm.
- The drive wheel automatically moves to centre position when truck is switched on.

LOW COST OF OWNERSHIP

- The new Hyster 2.6 kW traction motor gives powerful acceleration and an increased travel speed for superior performance and increased productivity.
- Traction motor and controllers are fitted with forced air cooling as standard to reduce thermal effects on parts and maintain high performance and efficiency.
- Regenerative braking recovers energy and increases braking effect to help reduce maintenance costs.
- Trucks are rated to IP65 standard, for protection against dust and water ingress.
- High level of parts commonality with other Hyster products with proven reliability and durability for ease of maintenance.

SERVICEABILITY

- Side panels are bolted to the frame enabling removal for service or replacements.
- The MDU is bolted on frame allowing single removal and drive wheel can be accessed from within the frame.
- Hinged floor plate, with gas strut stay enables quick access to caster wheel and hydraulic unit for inspection or top up of fluids.
- Two diagnostic points within operator compartment are conveniently located for easy connection and all fuses are easily accessible.
- Service interval for hydraulic oil and filter - 3000h.
- Standard warranty – 24 month (4000 hours), extended warranty – 36 month (6000 hours).

STRONG PARTNERS. TOUGH TRUCKS.™

FOR DEMANDING OPERATIONS, EVERYWHERE.

Hyster supplies a complete range of warehouse equipment, 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 material 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 material handling needs so you can focus on the success of your business today and in the future.



HYSTER EUROPE

Centennial House, Frimley Business Park, Frimley, Surrey, GU16 7SG, England.

Tel: +44 (0) 1276 538500, Fax: +44 (0) 1276 538559



www.hyster.eu



infoeurope@hyster.com



[/HysterEurope](https://www.facebook.com/HysterEurope)





[@HysterEurope](https://twitter.com/HysterEurope)



[/HysterEurope](https://www.youtube.com/HysterEurope)



HYSTER  and FORTENS are registered trademarks in the European Union and certain other jurisdictions.

MONOTROL is a registered trademark, and DURAMATCH and  are trademarks in the United States and in certain other jurisdictions.

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

A division of NACCO Materials Handling Limited.