



STRONG PARTNERS. TOUGH TRUCKS.™



IC Counterbalanced Lift Trucks

H2.0-2.5CT
2 000-2 500 kg

Renowned Reliability & Performance with Low Operating Costs

In the right application, CT-Series models will still deliver renowned Hyster reliability, ensuring maximum uptime and reduced costs. Hyster has invested over 75 years' experience in selecting proven components like sealed electrical connectors, O-ring face seal fittings and a well-regarded durable powershift transmission. A simplified electrical system retains the benefits of CANbus wiring which reflects Hyster's no compromise approach to quality and durability.

The CT provides target customers with the right performance characteristics – the electronically controlled Powershift transmission delivers fast load handling and smooth direction changes. Fast hydraulics and the optional integral sideshift allow loads to be optimally positioned quickly and the responsive electronically-controlled inching adjustments gives the operator better control of load positioning.

As the H2.0-2.5CT has been designed to operate efficiently in specific applications, it offers exceptional value for money. An efficient 2.6L Diesel or 2.2L LPG engine, singlespeed transmission and lighter overall weight help to maximise efficiency and deliver lower fuel costs providing an ideal balance between the amount of loads moved and fuel used.

Over the lifetime of the truck, the savings continue to add up thanks to the dependability of components, delivering lower overall operating costs.

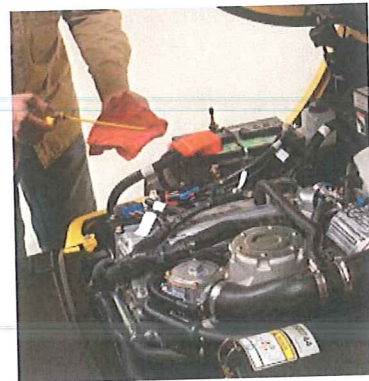


The Ideal Workplace Environment

The more comfortable operators are, the more productive they will be over the course of the shift, making the business more profitable. The operator compartment boasts a simple 3-point entry, system, with easy on-off access and a low step height of 38cm.

Whole Body Vibration

Levels are low thanks to the isolated powertrain and the standard full-suspension seat. The driving position delivers the ideal work place environment for operators – ample foot space, and ideally positioned seat mean that all controls are within steering column offers infinite adjustments and comfort. Furthermore, all round visibility is optimised throughout the handling operation.



Easy Maintenance Maximises Uptime

The "cowl-to-counterweight" service access, with 65° opening hood and one-piece removable floor plate help to reduce the amount of time the truck has to be stationary and reveal engineering advantages made to keep your truck, and your operation, running smoothly, such as sealed electrical connectors with IP66 rating against ingress of dirt and water.

As with all Hyster products, the CT is supported by a network of over 150 dealer locations across Europe, Middle East & Africa, with over 3000 trained service technicians ready to respond to your maintenance needs.



The new Hyster CT-Series of Diesel and LPG forklift trucks are available in 2,000 or 2,500kg capacities and have been designed to meet the requirements of customers who operate in low intensity or medium duty operations. By configuring this truck for specific applications only, the CT provides a new opportunity for customers to reduce the level of their investment in materials handling.

The H2.0-2.5CT retain the familiar design and solid construction, innovation and dependability Hyster is well-known for, while at the same time being carefully matched to the needs of moderate duty cycles. With right-sized components, reduced electronic complexity and a simplified list of options, Hyster has developed a cost-effective solution for medium-duty materials handling operations.



Application Guide

Attributes	H2.0CT	H2.5CT
Operation	Intermittent	
Typical Shifts per Day	1-2 shifts	
Typical Hours per Year	Up to 1500	
Typical Operation Frequency	Intermittent	
Duty Cycle Levels	Moderate	
Ramp Usage	Occasional	
Fuel Type	Diesel / LPG	
Standard Engine	2.6L / 2.2L	
Engine Power	29.1kW / 36.0kW	
Mast Types	2-Stage Limited Free Lift or 3-Stage Full Free Lift	
Attachment Compatibility	Side-shift and non-clamping attachments	
Hydraulic Functions	2 auxiliary functions	
Travel Speeds (with load, km/h)	16.9 / 18.3	
Ast 1000 x 1200 wide (mm)	3763	3824
Lift Speed with load (m/s)	0.42 / 0.47	0.41 / 0.47
Gradeability laden @1,6 km/h	29.3% / 30.3%	26.1% / 28.7%

Typical Applications:

- Secondary distribution
- Wholesale & Retail Outlets
- Light manufacturing
- Rental

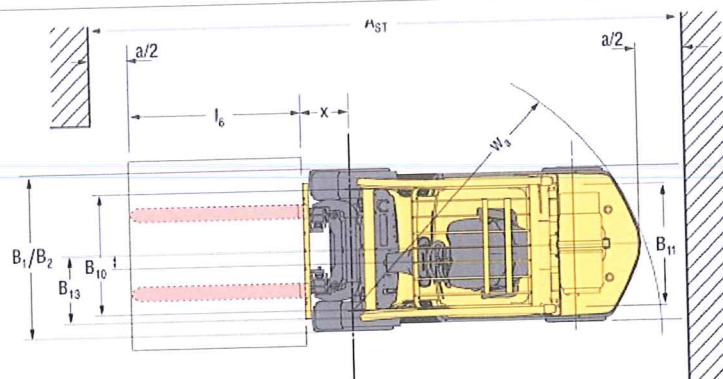
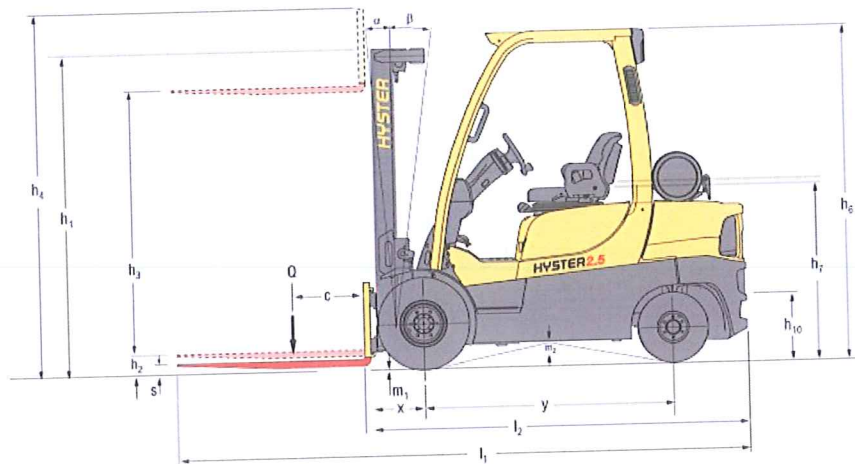
Standard Features:


- 2.2L Mazda LPG or 2.6L Yanmar Diesel Engine
- Powershift Single Speed Transmission
- Drum Brakes
- Hyster Stability Mechanism
- Pneumatic Shape Solid Tyres – Front: 6.5 x 10-10, Rear: 18 x 7-8
- 2-stage Limited Free Lift Mast – 3330 mm Maximum Fork Height
- 5 Degree Forward / 5 Degree Back Tilt
- 977mm Class II Carriage
- 40x100x1000mm Forks
- Vinyl Full-Suspension Seat with Seatbelt
- Cowl-Mounted Levers
- Direction Lever
- 2149mm High Overhead Guard
- Rear Reflectors
- Low Diesel and LPG Warning Indicator
- Coolant Temperature warning light
- Adjustable steering column
- Integral tie downs
- 12 months/2000 hours manufacturers warranty.

Options

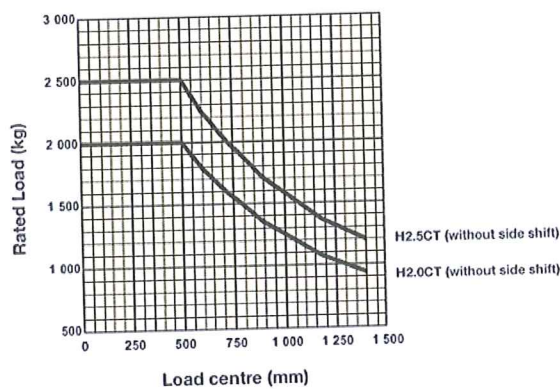
- Masts: 3-st Full Free Lift: 4775mm, 5075mm
- Load Backrest
- 1100, 1200mm Forks
- Semi-Suspension Vinyl Seat
- Light Kit: Halogen or LED work lights kit, LED brake, marker and reverse lights
- Amber LED Strobe Light-low or high mounted
- Back-up Alarm - self adjustable 82 - 102db(A)
- Dual Rearview Mirrors
- Rear Drive Handle with Horn Button
- Three (3) or four (4) cowl mounted hydraulic control levers for non-clamping attachments
- 3rd function (1 Aux) hose group
- 4th function (2 Aux) hydraulic control, valve and hose group

Truck Dimensions



-  = Centre of gravity of unladen truck
- $A_{ST} = W a + x + l_6 + a$ (see lines 4.33 & 4.34)
- a = Minimum operating clearance
(V.D.I. standard = 200 mm BITA
recommendation = 300 mm)
- l_6 = Load length

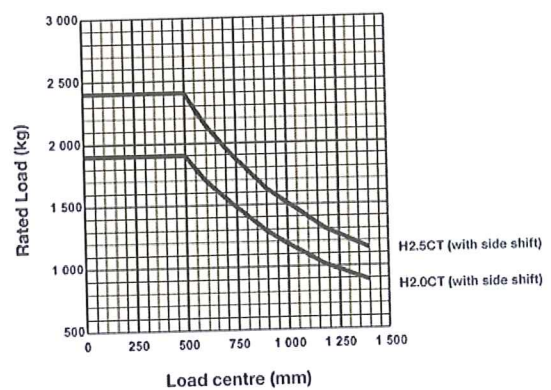
Rated Capacities



Load centre

Distance from front of forks to centre of gravity of load.

Rated Capacities



Rated load

Based on vertical masts up to 4 325 mm.

Mast and Capacity Information

Masts H2.0-2.5CT

	Maximum Fork Height (mm) ❖	Backtilt	Overall Lowered Height (mm) ✕	Overall Extended Height (mm)	Free lift (top of forks) (mm) □
Vista Plus 2-Stage limited freelif	3332	5°	2176	4555	140
	3832	5°	2426	5055	140
Vista 3-Stage full free lift	4325	5°	2049	5537	1554 ▶
	4775	5°	2199	5987	1704 ▶
	5075	5°	2299	6287	1804 ▶

Capacities H2.0-2.5CT - in kg @ 500 mm load centre

	Maximum Fork Height (mm) ❖	Pneumatic Shaped Solid Tyres			
		Without sideshift		With integral sideshift	
		H2.0CT	H2.5CT	H2.0CT	H2.5CT
Vista Plus 2-Stage limited freelif	3332	2000	2500	1920	2400
	3832	2000	2500	1910	2400
Vista 3-Stage full free lift	4325	2000	2500	1900	2400
	4775	1800	1930	1760	1900
	5075	1500	1610	1460	1570

Note: To calculate truck capacities with alternative truck specifications to the ones shown in the above tables, please use the Hy Rater software.

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.

- † Top of forks
- ❖ Full suspension seat in depressed position
- + Without Load Backrest
- add 32mm with load backrest
- h6 subject to +/- 5 mm tolerance
- ◆ Stacking aisle width are based on the V.D.I. 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.
- † Gradeability figures are provided for comparison of tractive performance, but are not intended to endorse the operation of the vehicle on the stated inclines. Follow instructions in the operating manual regarding operation on inclines.
- * Measured according to the test cycles and based on the weighting values contained in EN12053

Mast & Capacity Tables:

- ✕ with load backrest
- ▶ without load backrest
- Freelif (top of forks) = h2+s
- ❖ Max fork height = h3+s

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.

Forks: Lift trucks illustrated may feature optional equipment.

CE Safety:

This truck conforms to the current EU requirements.

H2.0CT, H2.5CT

CHARACTERISTICS	1.1	Manufacturer		HYSTER		HYSTER		HYSTER		HYSTER	
	1.2	Model designation		H2.0CT		H2.0CT		H2.5CT		H2.5CT	
	1.3	Power: battery, diesel, LPG, electric mains		Diesel		LPG		Diesel		LPG	
	1.4	Operation: manual, pedestrian, stand, seat, orderpicker		Seated		Seated		Seated		Seated	
	1.5	Load capacity	Q (kg)	2,000		2,000		2,500		2,500	
1.6	Load centre	c (mm)	500		500		500		500		
1.8	Load distance	x (mm)	388		388		388		388		
1.9	Wheelbase	y (mm)	1623		1623		1623		1623		

WEIGHTS	2.1	Unladen weight	kg	3400		3240		3675		3520	
	2.2	Axle loading with load, front/rear	kg	4806	594	4727	513	5635	540	5493	527
2.3	Axle loading without load, front/rear	kg	1712	1688	1632	1608	1630	2045	1560	1960	

WHEELS & TYRES	3.1	Tyres: L=pneumatic, V=solid, SE=pneumatic-shaped solid		SE		SE		SE		SE	
	3.2	Tyre size, front	e mm x mm	6.5 X 10-10		6.5 X 10-10		6.5 X 10-10		6.5 X 10-10	
3.3	Tyre size, rear	e mm x mm	18 X 7-8		18 X 7-8		18 X 7-8		18 X 7-8		
3.5	No of wheels front/rear	(x = driven)	2x 2		2x 2		2x 2		2x 2		
3.6	Track width, front	b ₁ (mm)	978		978		978		978		
3.7	Track width, rear	b ₂ (mm)	895		895		895		895		

DIMENSIONS	4.1	Mast tilt, forward α /back β	degrees	5		5		5		5	
	4.2	Height of mast, lowered	h ₁ (mm)	2049		2049		2049		2049	
4.3	Free lift %		1554		1554		1554		1554		
4.4	Lift height %		4325		4325		4325		4325		
4.5	Height of mast, extended +		4820		4820		4820		4820		
4.7	Height to top of overhead guard ■		2149		2149		2149		2149		
4.8	Seat height ●		1044		1044		1044		1044		
4.12	Towing coupling height		330		330		330		330		
4.19	Overall length		3426		3426		3491		3491		
4.20	Length to face of forks		2426		2426		2491		2491		
4.21	Overall width	b ₁ /b ₂ (mm)	1147		1147		1147		1147		
4.22	Fork dimensions	s/e/t (mm)	40	100	1000	40	100	1000	40	100	1000
4.23	Fork carriage to DIN 15173, Class		IIA		IIA		IIA		IIA		
4.24	Fork carriage width ●	b ₃ (mm)	1067		1067		1067		1067		
4.31	Ground clearance under mast, with load	m ₁ (mm)	98		98		98		98		
4.32	Ground clearance at centre of wheelbase	m ₂ (mm)	127		127		127		127		
4.33	Aisle width with pallets 1 000mm long x 1 200mm wide,	Ast (mm)	3763		3763		3824		3824		
4.34	Aisle width with pallets 800mm wide x 1 200mm long,	Ast (mm)	3963		3963		4024		4024		
4.35	Outer turning radius	Wa (mm)	2175		2175		2236		2236		
4.36	Internal turning radius	b ₄ (mm)	676		676		676		676		
4.42	Step height	(mm)	356		356		356		356		

PERFORMANCE	5.1	Travel speed with/without load	16.9	17.0	18.3	18.5	16.9	17.0	18.3	18.5
	5.2	Lifting speed with/without load	0.42	0.52	0.47	0.55	0.41	0.52	0.47	0.55
5.3	Lowering speed with/without load	0.50	0.43	0.49	0.42	0.50	0.43	0.49	0.42	
5.5	Drawbar pull with/without load @ 1.6km/h	14.2	8.8	15.6	8.8	14.0	9.5	15.6	9.5	
5.6	Maximum drawbar pull with/without load	16.6	8.8	18.3	8.8	16.4	9.5	18.2	9.5	
5.7	Gradeability with/without load @ 4.8km/h	20.1	27.3	21.1	27.3	15.0	27.3	20.1	27.3	
5.8	Maximum gradeability with/without load @1.6km/h	29.3	27.3	30.3	27.3	26.1	27.3	28.7	27.3	
5.9	Acceleration time to 15m, with / without load	5.1	4.5	5.1	4.4	5.4	4.7	5.4	4.5	
5.10	Service brake		Hydraulic		Hydraulic		Hydraulic		Hydraulic	

POWER UNIT	7.1	Engine manufacturer/type	Yanmar		Mazda		Yanmar		Mazda	
	7.2	Engine output, in accordance with ISO1 585 / DIN 6271	29.1		36.0		29.1		36.0	
7.3	Governed speed		2400		2600		2400		2600	
7.4	Number of cylinders/displacement		4		4		4		4	
7.5	Fuel consumption in accordance with VDI cycle	l/h (DSL) or kg/h (LPG)	2659		2184		2659		2184	
			2.9		2.5		3.3		2.7	

OTHER	8.1	Drive control	Automatic		Automatic		Automatic		Automatic	
	8.2	Working pressure for attachments	0-155		0-155		0-155		0-155	
8.3	Oil flow for attachments		60		60		60		60	
8.4	Average noise level at operator's ear *	dB(A)	79		79		79		79	
8.4.1	Guaranteed sound power 2001/14/EC		102		102		102		102	
8.5	Towing coupling type / DIN type		Pin		Pin		Pin		Pin	
8.7	Hydraulic oil tank, capacity	litres	39.3		39.3		39.3		39.3	
8.8	Fuel tank, capacity	litres	49.2		-		49.2		-	

Specification data is based on VDI 2198

Equipment and weight: Weights (line 2.1) are based on the following specifications: Complete truck with 4325mm (TOF) 3-stage full free lift mast, standard carriage and 1000mm forks, manual levers and standard pneumatic shaped solid drive and steer tyres.