

**THE SOLUTION TO YOUR  
APPLICATION NEEDS**



**STRONG PARTNERS.  
TOUGH TRUCKS.™**



# **XT SERIES**

**INTERNAL COMBUSTION  
COUNTERBALANCED FORKLIFT**

**H1.5-3.5XT**

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**1500 - 3500 KG**

# ABOUT HYSTER

Introducing the Hyster® H1.5-3.5XT counterbalanced forklift - the perfect combination of power, speed, low fuel consumption and clean performance.

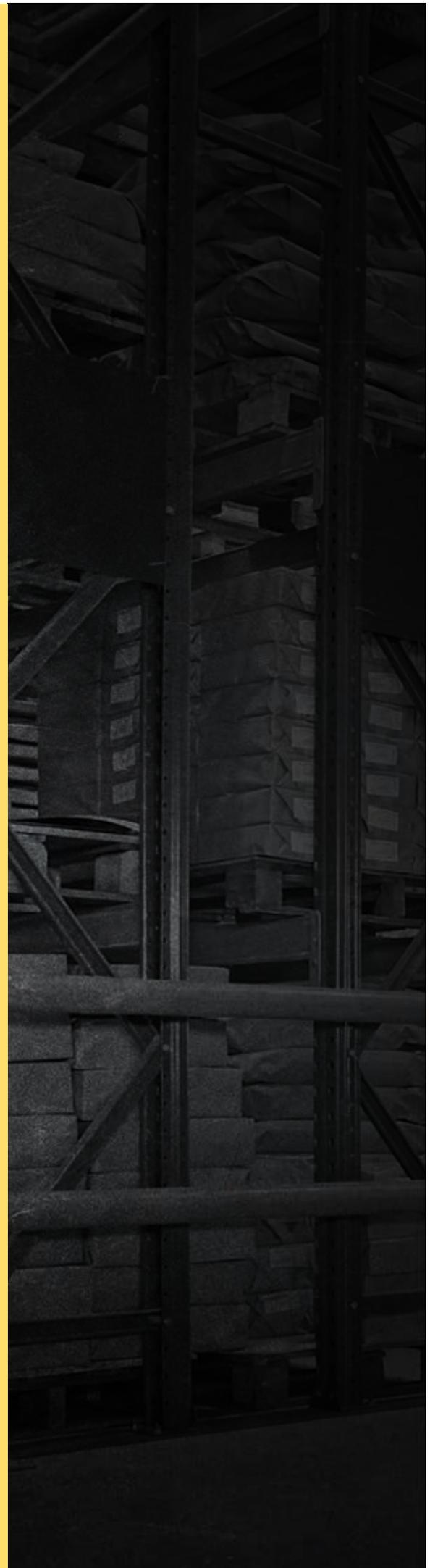
Available with a range of standard and optional features, the H1.5-3.5XT model line-up is a powerful addition to maintain customer performance.

- Available in Dual Fuel, LPG and Diesel
- Load capacity from 1,500 – 3,500 kg
- Advanced control and operational functions; traction interlock, hydraulic interlock, side shift and fork positioning
- Wide variety of attachments
- Designed for optimum accessibility in servicing
- Aftermarket parts, service and support
- Ergonomic design for operator comfort
- Backed by an extensive dealer network

A global leader in the industry with manufacturing and technology centres in 12 locations around the world, Hyster provides a comprehensive range of warehousing equipment, industrial lift trucks and container handlers.

Hyster products are distributed and supported through an extensive network of exclusive dealers who provide local coverage through their sales and service locations across Asia-Pacific.

For more information about the Hyster H1.5-3.5XT counterbalanced truck or any Hyster product, talk to your local dealer.





# FEATURES

## 1 HSM™ STABILITY SYSTEM >>

Hyster Stability Mechanism™ reduces truck lean in turns, improving lateral stability. The design enables the operator to travel over uneven surfaces with confidence.

## 2 REVERSE ASSIST GRIP\* >>

The rear grab handle provides an excellent hand hold for reverse driving while giving easy access to the auxiliary horn button.

## 3 SYSTEM AND OPERATIONAL ALERTS >>

Audible and visible operational alerts including signal lights, rotating beacons and reverse buzzer.

## 4 ERGONOMIC SEAT >>

Operators can select their desired seating position with fore/aft and backrest recline adjustment. The weight adjustment knob on the full suspension seat ensures the most suitable suspension for the individual.



## 5 SIDE SHIFT\* >>

Optional feature for adjusting and aligning loaded goods. It has a new structure to facilitate utmost productivity.

\*Optional feature.



## 10 ALL WEATHER STEEL CABIN\*

Steel cabin protects the operator and provides comfort under harsh working conditions. Optional cabin fan is also available.

## 9 EASY OPERATOR ACCESS

The low wide step, ample shoulder clearance and flow lined design of engine hood ensures easy operator accessibility upon unit ingress/egress.

## 8 EXCLUSIVE VISTA™ MAST

The high strength design improves capacity retention at high lifts. Excellent visibility and rigidity for this class of truck.

## 7 OPERATOR PRESENCE SYSTEM

Traction Interlock prevents travel and Hydraulic Interlock prevents use of hydraulic function when operator is not seated.

## 6 ERGONOMIC STEERING COLUMN

The infinitely adjustable tilt steer column allows operators to easily obtain a comfortable driving position. The 300mm diameter steering wheel is offset to the left for even greater driver comfort.

# THE SOLUTION TO YOUR APPLICATION NEEDS

The Hyster® XT range represents a breakthrough in how lift trucks are designed, built and acquired. It starts with a commitment to quality and dependability, incorporating proven design processes and systems to deliver a class-leading product.

For the development of the product range, Hyster invested heavily in the best virtual, bench and field-testing equipment and processes in the industry and has ensured that only components of the highest quality are included in the truck. In addition, investments have been made in state-of-the-art manufacturing systems and processes to ensure unmatched Hyster quality.

As you would expect from Hyster, the trucks developed from this rigorous process boast the lowest cost of operation, maximum uptime, operator preferred ergonomics and unmatched performance.

**Hyster XT - The Solution to your  
Application Needs**



# SETTING THE STANDARD FOR OPERATIONAL EFFICIENCY

## Innovative Cooling System

The cooling system operates at lower temperatures. This offers significant improvement when it comes to cooling air flow, increasing component life and minimising the risk of overheating in heavy-duty applications. Optimised ducting and high volume tunnels allow Hyster XT lift trucks to run longer in a cooler state. Radiators are shockproof mounted for long life.

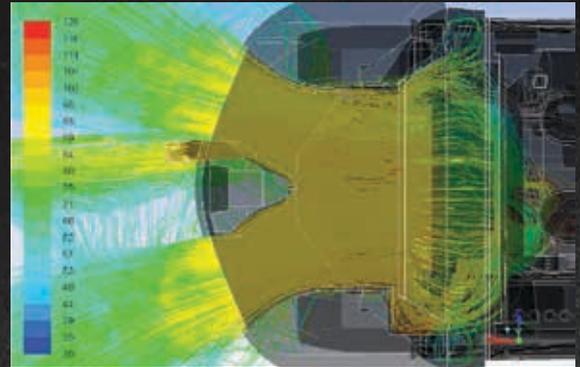
Hyster XT transmissions gear profiles are optimised to reduce operator noise in conjunction with isolated powertrain, minimising operator fatigue and improving comfort.

## Integrated Dash Display

- Hour meter, date, time and alarm
- Travel speed/load weight indicator
- Coolant temperature level and fuel gauge indicator
- Password entry
- Error codes
- Visual warnings; battery charge, engine oil pressure, transmission fluid temperature, service reminder and seat belt.

## HSM™ Stability System

The maintenance free HSM enhances lateral stability without compromising uneven surface travel, through reducing truck lean by limiting the articulation of the steer axle.



Maximised airflow for enhanced cooling.



Serpentine or square wave radiator – all models.



Dash display.



HSM.

# ENHANCED PRODUCTIVITY

Productivity means moving more of your loads in less time with less cost. The development of the Hyster® XT range has focused on boosting performance to increase productivity and meet application requirements.

Take the hydraulic control module with shorter reach and throw levers requiring less effort to operate. Or the exceptional user visibility afforded for this class of truck by the Hyster Vista™ mast. In fact, wherever you look in the cabin, there's a feature designed to add to the comfort of the operator, from the low step height to the fully adjustable suspension seat, integrated dash display to the rear drive handle with horn.

Add other operator friendly features such as the low noise hydraulic pump and cabin together with the seamless forward and reverse directional changes, controlled through two optional methods, being the steer column mounted directional lever or the foot directional control monotrol and it's easy to see why drivers love the XT – and employers love the way it increases their productivity.

This increased productivity results in significant savings in materials handling costs through reduced operating expenses, labour costs and operator overtime and increased throughput.

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## 1 SHIFT LEVERS >>

As standard, two levers operate the turn signal and forward/reverse operation. The right hand side turn signal includes a light switch (with auto canceller). Left hand lever enables a smooth directional change of forward/reverse.

## 2 HIGH VISIBILITY MAST >>

Enhanced operator visibility through the Vista™ Mast, means the operator can travel forward with greater confidence.



## 3 ERGONOMIC STEERING COLUMN >>

Offset steering column provides ideal left hand steering while the small diameter steering wheel reduces shoulder fatigue.

## 4 PARKING LEVER >>

This small stroke lever makes setting the brake easy. Lever includes a release button.



\*Optional feature.



## 5 INCHING PEDALS\*

Two types of inching pedals are available to increase the load speed. Pedals are on a suspended mount to free floor space.



## 6 LED LIGHTS\*

Brighter and longer lasting bulbs for side, reverse, rear, brake and direction indicators.



## 1 TRACTION INTERLOCK >>

- when operator is not present

The Traction Interlock function automatically reverts the truck to neutral when an operator is not seated. This prevents incidents caused by unintentional operations, such as pushing the accelerator pedal when the machine is not occupied.

## 2 HYDRAULIC INTERLOCK >>

- when operator is not seated

The Hydraulic Interlock function automatically disables the load levers when an operator is not seated. This prevents incidents caused by unintentional operations of the levers.

## 3 HIGH VISIBILITY MAST >>

Enhanced operator visibility through the Vista™ Mast, means the operator can travel forward with greater confidence.



## 4 OVERHEAD GUARD >>

The unique grid-style pattern improves visibility while protecting operators and strengthening the truck's structure.



# OPERATORS PREFER HYSTER® XT LIFT TRUCKS

The Hyster XT offers a wide range of ergonomic and technologically advanced features, which have been adapted over years of operator feedback.

This has led to operators having a preference for Hyster XT lift trucks in order to optimise the efficiency of warehouse operations.



## DRIVING COMFORT

Small steering wheel and adjustable steering column coupled with synchronous steering creates a comfortable and secure working environment.



## EASY-TO-USE 3-POINT ENTRY DESIGN

Enables easy entry and exit and reduces muscle and joint stress. The truck features an open non-slip step with an optimised height and allows access from both sides.



## EZXCHANGE™ BRACKET

Allowed for simple, quick exchanges of the LPG bottle – the bracket swings out and a gas-spring assisted cylinder lowers into a reclined and locked position.



## HYDROSTATIC STEER AXLE

The elastomeric-mounted Hyster designed steer axle provides maximum durability and superior steering control for easy manoeuvring and low maintenance.

5

## ISOLATED POWERTRAIN



Helps to ensure that the operator remains comfortable and productive throughout the shift. The drivetrain is fully isolated through the use of elastomeric mounts for the engine and transmission.

7

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# CUTTING DOWN DOWNTIME

The Hyster® XT Series doesn't just make it easier to carry out vital servicing tasks, it's a truck that has been designed to actually require less maintenance.

Hyster XT lift trucks offer best in class service access with a one-piece, rear-opening hood providing cowl-to-counterweight access. An easy to remove floor plate requires no tools and offers complete access to the powertrain.

Equipped with V-ECU the XT's truck functions are continuously monitored and keeps the operator fully informed of service needs. There's also state of the art on-board diagnostics on the advanced dash display to communicate error codes, enabling quick and accurate repairs.

What's more, when maintenance does need to take place, the XT is designed to make servicing as fast, convenient and simple as possible. It's extremely easy to perform engine compartment daily checks, check and replenish coolant levels and remove the radiator filler cap.

All backed up by the most dependable and most comprehensive parts availability in the industry, the Hyster XT gives you a greater degree of control over the efficiency and uptime of your operation than ever before.

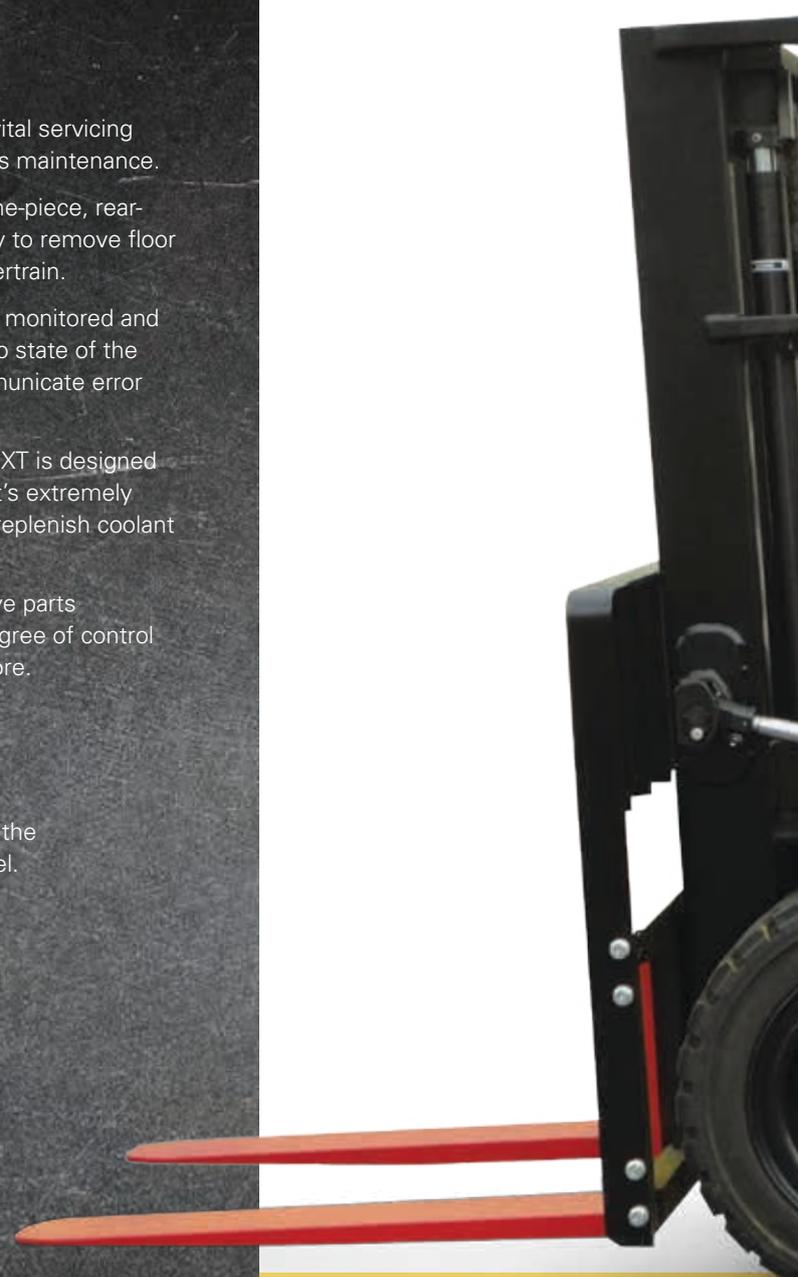
## 1 EASY MAINTENANCE >>

One piece, easy opening hood allows for easy access to the engine. Full access is available by removing the rear panel.



## 2 INTEGRATED DASH DISPLAY >>

The integrated dash displays the most relevant information to the truck's current status. By actively showing service reminders and error codes, as well as warning indicators, it enables optimisation of lift truck diagnosis, reducing overall down time.





### **3 EXTENDED SERVICE INTERVALS**

Periodic scheduled maintenance intervals have been extended to 500 hours for diesel and Petrol/ LPG engines. Engine coolant and hydraulic oil change intervals have been extended to 4000 hours which help to reduce labour costs, as well as downtime.



# TOTAL TRUCK RELIABILITY



With the XT Series from Hyster, total reliability comes built in. Put simply, every last component has been designed to provide long-lasting performance day in, day out, year after year.

Rugged durability is at the heart of the XT. Robust clutch packs, stronger gears and shafts, powertrain protection systems, enhanced monitoring – they all help to boost reliability, maximise uptime and keep your truck performing at its best. There's also a cooling system creating airflow through optimised ducting and high volume tunnels, helping to dramatically increase component life and minimise the risk of overheating in heavy duty applications.

From shock-proof mounted radiators to the check valves incorporated into the cushioned lift cylinders of the world-renowned Hyster® mast design, from the sealed connectors that enable the entire truck to be pressure washed to create leak-free joints, the XT delivers world-class reliability.

By utilising cutting edge technology and superior manufacturing facilities, Hyster engineers have delivered the highest serviceability ratings in the industry.

With the reputation for delivering world-class product reliability and to show our confidence in the XT series, it makes sense to back them with industry leading warranty.

That's why Hyster is offering the XT series with a standard 3 years/3,000 hours\* manufacturer warranty and a lifetime chassis warranty.

\* Comprises of 1 year/2000 hours on complete truck and 3 years/3000 hours on powertrain.

# LOW COST OF OWNERSHIP BUILT IN

The Hyster XT has been designed to help you lower your ownership costs in all types of applications, through offering a wide range of engine options to suit the application need.

The XT range is not only fuel efficient but has a longer tyre life and reduced brake wear contributing to reduced service time.

For example, the available Load Sensing Hydraulics system delivers increased operational efficiency, as the engine only supplies power to the hydraulic pumps when required.

This delivers increased responsiveness and acceleration, which helps to maximise productivity and lower fuel consumption, reducing overall operating costs.

This, combined with a 30% decrease in downtime, makes the Hyster XT series an exceptionally smart choice.



## MANAGE COST, OPTIMISE PRODUCTIVITY AND PROTECT YOUR ASSETS

### Hyster Tracker System

Take your fleet operation to the next level with wireless asset management from Hyster. Hyster Tracker System provides true wireless fleet management, can drive fleet efficiency, improves operator performance, reduces your carbon footprint and lowers your overall material handling costs.

- Manage your total cost of operation
- Ensure maximum productivity from your lift truck investment
- Monitor operator behavior, promote safety
- Convenient web-based access, and your choice of three levels of management

### Data is great, but your Hyster Dealer will make it work for you

Hyster Tracker System is a great addition to your management toolkit. But when you partner with your Hyster Dealer, you get the best of both worlds – great fleet data plus the unmatched knowledge and experience that can help you get the most out of every truck in your fleet.

# STANDARD FEATURES AND OPTIONS

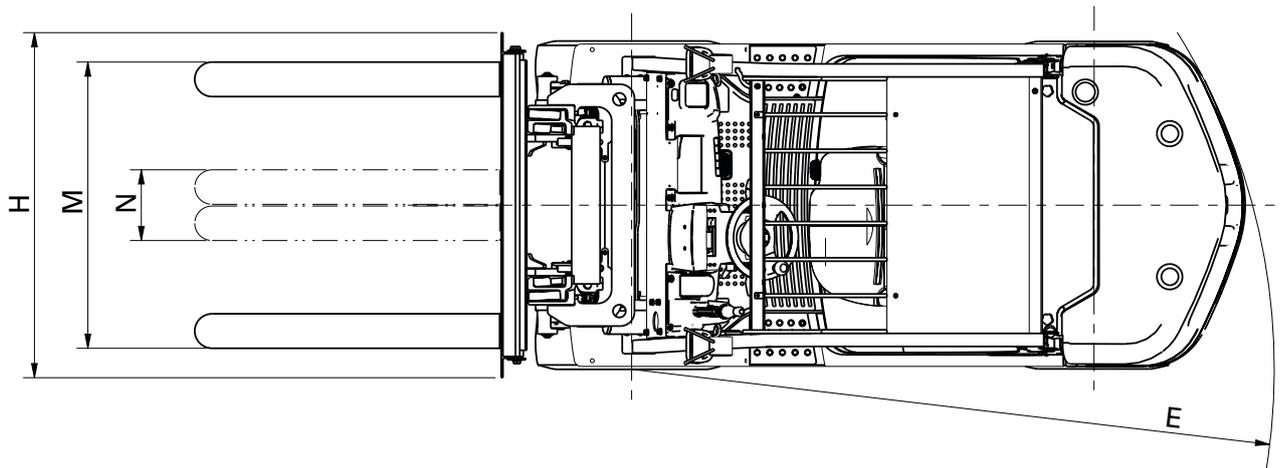
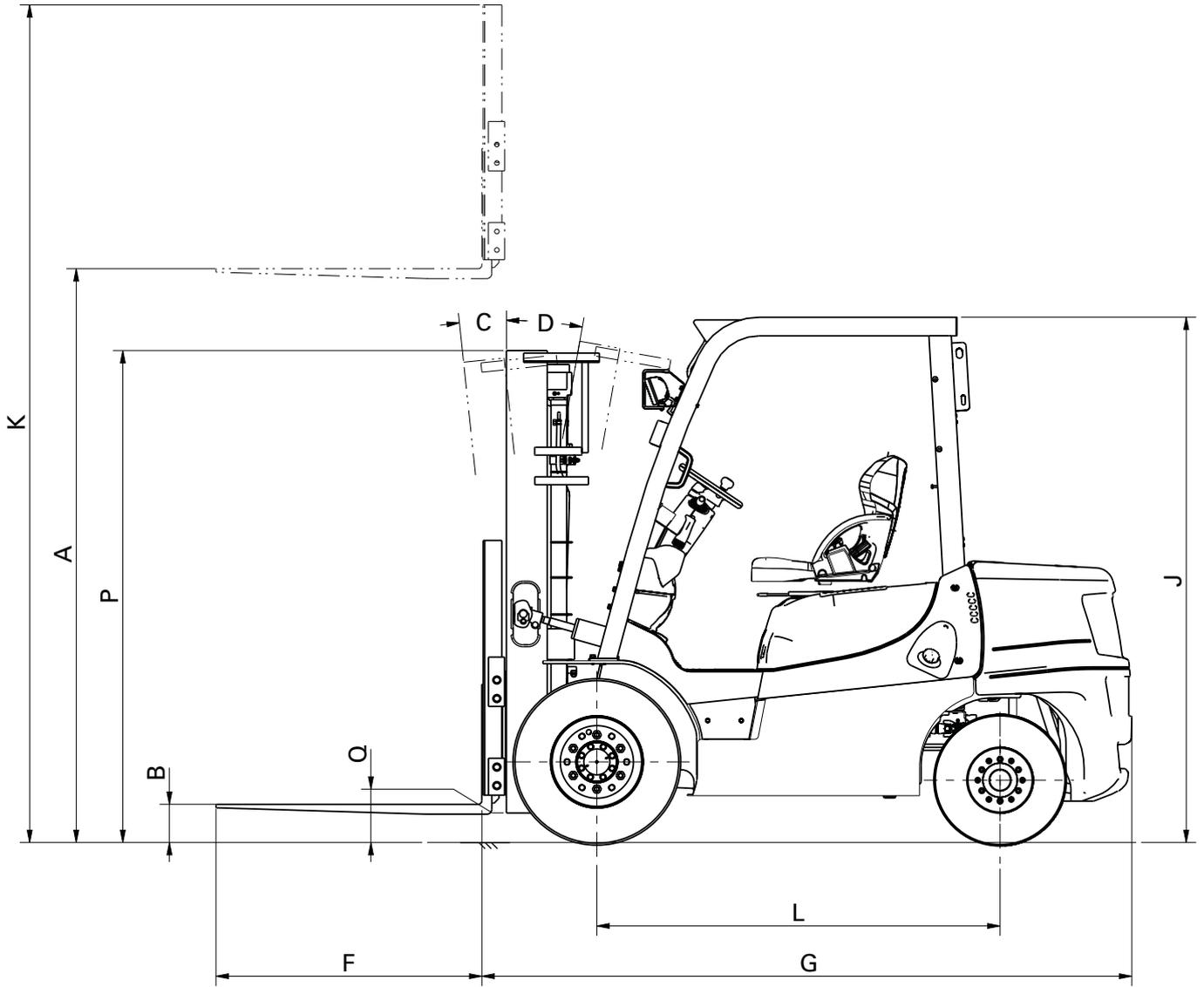
## STANDARD FEATURES

- 2 Stage LFL mast
- Operator presence
  - Hydraulic interlock
  - Travel interlock
- Cowl mounted levers
- Trunnion mount mast
- Full halogen light kit including turn indicators
- Head light guards
- Rotating LED beacon
- Swing down LPG bracket
- Small diameter steering wheel
- Rubber floor mat
- Entry assist grip
- Electric directional shift lever
- Neutral start
- Reverse alarm
- Separate inch/brake pedal
- Comprehensive dash display
- Single element air cleaner
- Rubber mount rear axle
- Wide mast with wide field vision

## OPTIONAL FEATURES

- Engine options – LPG, Diesel, Dual Fuel
- Mast options
  - 2 Stage LFL mast – 3000mm to 5000mm lift
  - 2 Stage FFL mast – 3300mm to 4100mm lift
  - 3 Stage FFL mast – 4000mm to 6000mm lift
- Integral side shift carriage
- Fork lengths – 920mm to 2120mm
- Tyre options – pneumatic, solid, non-marking
- Control valve options
- Front screens
- Rain covers
- Cabs
- Pre-cleaner for air filter
- LED lighting
- Speed meter
- Load weight meter
- Special paint
- Reverse assist grip with horn button
- Hyster Tracker System

# DIMENSIONS



# SPECIFICATIONS

SPECIFICATION				Dual Fuel/LPG						
				HYSTER						
1		MANUFACTURER		H1.5XT	H1.8XT	H2.0XTS	H2.0XT	H2.5XT	H3.0XT	H3.5XT
2	Model			1500	1750	2000	2000	2500	3000	3500
3	Capacity		kg	500	500	500	500	500	500	500
4	Load centre		mm							
7	Tyres			Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
8	Wheels	No. front/rear (x=Drive)		2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
DIMENSIONS										
9	Lift height		mm	A	3000	3000	3000	3000	3000	3000
10	Standard free lift		mm	B	145	145	150	155	155	160
12	Fork carriage	Carriage width/ITA class		H	920/2	920/2	920/2	1020/2	1020/2	1070/3
13	Fork	Thickness/width/length	mm		35/100/920	35/100/920	40/122/920	40/122/920	40/122/1070	45/122/1070
14	Tilt of mast	Forward/backward	deg	C/D	6/10	6/10	6/10	6/10	6/10	6/10
	Fork spread	Max/min	mm	M/N	915/205	915/205	910/250	1010/250	1010/250	1060/250
	Overall length	Length to tip of forks	mm	F+G	3200	3240	3275	3470	3685	3835
15	Truck length	Length to face of forks	mm	G	2280	2320	2355	2550	2615	2765
16	Overall width	Tyre/frame	mm		1070/1070	1135/1070	1135/1070	1160/1140	1160/1140	1235/1140
16A	Overall width	Tyre/frame (Dual tread)	mm		1190/1070	1190/1070	1190/1070	1590/1140	1590/1140	1490/1140
17	Height	Height with lowered mast	mm	P	1995	1995	1995	1995	1995	2060
18		Height with extended mast	mm	K	4105	4105	4105	4120	4120	4125
19		Height of overhead guard canopy	mm	J	2060	2060	2060	2130	2130	2150
20	Seat height		mm		920	920	920	990	990	1010
21	Turning radius		mm	E	1960	1995	2030	2185	2245	2365
22	Load length 'X'	Centre of front wheel to face of forks	mm		410	410	415	465	465	490
23	Right angle stacking aisle width	Add load length and clearance	mm		2165	2205	2240	2470	2530	2650
PERFORMANCE										
24	Travel speed	Laden/unladen with standard engine	km/h		18/19	18/19.5	18/19.5	18/19.5	18/19.5	19/20
		Laden/unladen with optional engine	km/h		NA	NA	NA	18/19.5	18/19.5	NA
25	Lifting speed	Laden/unladen with standard engine	mm/s		625/680	615/680	615/680	525/580	515/580	515/575
		Laden/unladen with optional engine	mm/s		NA	NA	NA	635/695	625/695	NA
26	Lowering speed	Laden/unladen	mm/s		495/520	495/520	495/520	495/520	495/520	495/520
	Drawbar pull	Laden/unladen @ 1.5km/h with standard engine	N		19200	19100	19200	18900	18900	19000
		Laden/unladen @ 1.5km/h with optional engine	N		NA	NA	NA	20400	20500	NA
	Gradeability	Laden/unladen @ 1.5km/h with standard engine	%		37/24	33/22	30/20	30/26	26/22	24/22
		Laden/unladen @ 1.5km/h with optional engine	%		NA	NA	NA	35/26	30/22	NA
WEIGHT										
32	Unladen weight	Standard tread	kg		2620	2830	3050	3360	3690	4200
33	Axle loads	Laden front/rear	kg		3620/500	3990/590	4400/650	4730/630	5470/730	6360/840
		Unladen front/rear	kg		1150/1470	1110/1720	1100/1950	1550/1810	1480/2210	1620/2580
CHASSIS AND WHEELS										
36	Tyre sizes	Front (standard tread)			6.00-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR
		Front (dual tread)			21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
		Rear			5.00-8-8PR	18x7-8-10PR	18x7-8-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR
37		Rear			6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	
38	Wheelbase		mm	L	1410	1410	1410	1625	1625	1700
39	Tread	Standard tread: front/rear	mm		915/905	950/930	950/930	970/1000	970/1000	1010/1000
39A		Dual tread: front/rear	mm		1000/905	1000/930	1000/930	1405/1000	1405/1000	1405/1000
40	Ground clearance	At lowest point	mm	Q	110	110	110	120	120	140
41		Centre of wheel base	mm		120	120	120	190	190	210
42	Service brake	Mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
43	Parking brake	Foot/hand/dead man break			Hand	Hand	Hand	Hand	Hand	Hand
DRIVE										
49	Standard engine	Manufacturer/model			GCT K21	GCT K25				
50		Permanent output	kW		34	34	34	34	34	40
51		At revs	rpm		2250	2250	2250	2250	2250	2100
		Rated torque	Nm/rpm		158/1600	158/1600	158/1600	158/1600	158/1600	186/1600
52		No. of cylinder/cubic capacity	cm <sup>3</sup>		4/2065	4/2065	4/2065	4/2065	4/2065	4/2488
49	Optional engine	Manufacturer/model			NA	NA	NA	GCT K25	GCT K25	NA
50		Permanent output	kW		NA	NA	NA	40	40	NA
51		At revs	rpm		NA	NA	NA	2100	2100	NA
		Rated torque	Nm/rpm		NA	NA	NA	186/1600	186/1600	NA
52		No. of cylinder/cubic capacity	cm <sup>3</sup>		NA	NA	NA	4/2488	4/2488	NA
	Fuel tank		Ltr		52	52	52	69	69	69
53	Fuel consumption		Ltr/h		☎	☎	☎	☎	☎	☎
55	Transmission	With ICE drive			AT	AT	AT	AT	AT	AT
OTHERS										
57	Working pressure	For attachments	Mpa		18.1	18.1	18.1	18.1	18.1	15.7
58	Noise level - standard engine	BITA/ISO Leq 3dB Doubling	dB(A)		☎	☎	☎	☎	☎	☎

## SPECIFICATIONS

SPECIFICATION					LPG - EFI						
	MANUFACTURER				HYSTER						
					H1.5XT	H1.8XT	H2.0XTS	H2.0XT	H2.5XT	H3.0XT	H3.5XT
2	Model				1500	1750	2000	2000	2500	3000	3500
3	Capacity		kg		500	500	500	500	500	500	500
4	Load centre		mm								
7	Tyres				Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
8	Wheels	No. front/rear (x=Drive)			2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2
9	Lift height		mm	A	3000	3000	3000	3000	3000	3000	3000
10	Standard free lift		mm	B	145	145	150	155	155	160	165
12	Fork carriage	Carriage width/ITA class		H	920/2	920/2	920/2	1020/2	1020/2	1070/3	1070/3
13	Fork	Thickness/width/length	mm		35/100/920	35/100/920	40/122/920	40/122/920	40/122/1070	45/122/1070	50/150/1070
14	Tilt of mast	Forward/backward	deg	C/D	6/10	6/10	6/10	6/10	6/10	6/10	6/10
	Fork spread	Max/min	mm	M/N	915/205	915/205	910/250	1010/250	1010/250	1060/250	1065/305
	Overall length	Length to tip of forks	mm	F+G	3200	3240	3275	3470	3685	3835	3905
15	Truck length	Length to face of forks	mm	G	2280	2320	2355	2550	2615	2765	2835
16	Overall width	Tyre/frame	mm		1070/1070	1135/1070	1135/1070	1160/1140	1160/1140	1235/1140	1235/1140
16A	Overall width	Tyre/frame (Dual tread)	mm		1190/1070	1190/1070	1190/1070	1590/1140	1590/1140	1590/1140	1490/1140
17	Height	Height with lowered mast	mm	P	1995	1995	1995	1995	1995	2060	2140
18		Height with extended mast	mm	K	4105	4105	4105	4120	4120	4125	4125
19		Height of overhead guard canopy	mm	J	2060	2060	2060	2130	2130	2150	2150
20	Seat height		mm		920	920	920	990	990	1010	1010
21	Turning radius		mm	E	1960	1995	2030	2185	2245	2365	2415
22	Load length 'X'	Centre of front wheel to face of forks	mm		410	410	415	465	465	490	505
23	Right angle stacking aisle width	Add load length and clearance	mm		2165	2205	2240	2470	2530	2650	2715
24	Travel speed	Laden/unladen with standard engine	km/h		18/19.5	18/19.5	18/19.5	18/19.5	18/19.5	19/20	19.5/20
		Laden/unladen with optional engine	km/h		18/19.5	18/19.5	18/19.5	18/19.5	18/19.5	19/20	19.5/20
25	Lifting speed	Laden/unladen with standard engine	mm/s		675/700	675/700	670/700	685/710	680/710	565/585	475/490
		Laden/unladen with optional engine	mm/s		NA	NA	NA	NA	NA	NA	NA
26	Lowering speed	Laden/unladen	mm/s		515/540	515/540	515/540	515/540	515/540	515/540	515/540
	Drawbar pull	Laden/unladen @ 1.5km/h with standard engine	N		21900	21700	21800	25100	25200	23400	21500
		Laden/unladen @ 1.5km/h with optional engine	N		NA	NA	NA	NA	NA	NA	NA
	Gradeability	Laden/unladen @ 1.5km/h with standard engine	%		47/24	42/22	38/19	40/26	34/22	27/21	22/19
		Laden/unladen @ 1.5km/h with optional engine	%		NA	NA	NA	NA	NA	NA	NA
32	Unladen weight	Standard tread	kg		2620	2830	3050	3360	3690	4200	4690
33	Axle loads	Laden front/rear	kg		3620/500	3990/590	4400/650	4730/630	5470/730	6360/840	7220/970
34		Unladen front/rear	kg		1150/1470	1110/1720	1100/1950	1550/1810	1480/2210	1620/2580	1670/3020
36	Tyre sizes	Front (standard tread)			6.00-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15 SOLID
		Front (dual tread)			21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	6.00-15 SOLID
37		Rear			5.00-8-8PR	18x7-8-10PR	18x7-8-10PR	6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10 SOLID
38	Wheelbase		mm	L	1410	1410	1410	1625	1625	1700	1700
39	Tread	Standard tread: front/rear	mm		915/905	950/930	950/930	970/1000	970/1000	1010/1000	1010/1000
39A		Dual tread: front/rear	mm		1000/905	1000/930	1000/930	1405/1000	1405/1000	1405/1000	1330/1000
40	Ground clearance	At lowest point	mm	Q	110	110	110	120	120	140	140
41		Centre of wheel base	mm		120	120	120	190	190	210	210
42	Service brake	Mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
43	Parking brake	Foot/hand/dead man break			Hand	Hand	Hand	Hand	Hand	Hand	Hand
49	Standard engine	Manufacturer/model			GCT K21	GCT K21	GCT K21	GCT K25	GCT K25	GCT K25	GCT K25
50		Permanent output	kW		38.5	38.5	38.5	44.7	44.7	44.7	44.7
51		At revs	rpm		2700	2700	2700	2700	2700	2700	2700
		Rated torque	Nm/rpm		145/2000	145/2000	145/2000	169/1600	169/1600	169/1600	169/1600
52		No. of cylinder/cubic capacity	cm <sup>3</sup>		4/2065	4/2065	4/2065	4/2488	4/2488	4/2488	4/2488
49	Optional engine	Manufacturer/model			NA	NA	NA	NA	NA	NA	NA
50		Permanent output	kW		NA	NA	NA	NA	NA	NA	NA
51		At revs	rpm		NA	NA	NA	NA	NA	NA	NA
		Rated torque	Nm/rpm		NA	NA	NA	NA	NA	NA	NA
52		No. of cylinder/cubic capacity	cm <sup>3</sup>		NA	NA	NA	NA	NA	NA	NA
	Fuel tank		Ltr		52	52	52	69	69	69	69
53	Fuel consumption		Ltr/h		☎	☎	☎	☎	☎	☎	☎
55	Transmission	With ICE drive			AT	AT	AT	AT	AT	AT	AT
57	Working pressure	For attachments	Mpa		18.1	18.1	18.1	18.1	18.1	18.1	15.7
58	Noise level - standard engine	BITA/ISO Leq 3dB Doubling	dB(A)		☎	☎	☎	☎	☎	☎	☎

# SPECIFICATIONS

SPECIFICATION					Diesel						
	MANUFACTURER				HYSTER						
					H1.5XT	H1.8XT	H2.0XTS	H2.0XT	H2.5XT	H3.0XT	H3.5XT
1	Model				1500	1750	2000	2000	2500	3000	3500
3	Capacity	kg		500	500	500	500	500	500	500	
4	Load centre	mm		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	
7	Tyres			2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	2X/2	
8	Wheels	No. front/rear (x=Drive)									
9	Lift height	mm		A	3000	3000	3000	3000	3000	3000	
10	Standard free lift	mm		B	145	145	150	155	155	160	
12	Fork carriage	Carriage width/ITA class		H	920/2	920/2	920/2	1020/2	1020/2	1070/3	
13	Fork	Thickness/width/length		mm	35/100/920	35/100/920	40/122/920	40/122/920	40/122/1070	45/122/1070	
14	Tilt of mast	Forward/backward		deg	C/D	6/10	6/10	6/10	6/10	6/10	
	Fork spread	Max/min		mm	M/N	915/205	915/205	910/250	1010/250	1010/250	
	Overall length	Length to tip of forks		mm	F+G	3200	3240	3275	3470	3685	
15	Truck length	Length to face of forks		mm	G	2280	2320	2355	2550	2615	
16	Overall width	Tyre/frame		mm		1070/1070	1135/1070	1135/1070	1160/1140	1160/1140	
16A	Overall width	Tyre/frame (Dual tread)		mm		1190/1070	1190/1070	1190/1070	1590/1140	1590/1140	
17	Height	Height with lowered mast		mm	P	1995	1995	1995	1995	1995	
18		Height with extended mast		mm	K	4105	4105	4105	4120	4120	
19		Height of overhead guard canopy		mm	J	2060	2060	2060	2130	2130	
20	Seat height			mm		920	920	920	990	990	
21	Turning radius			mm	E	1960	1995	2030	2185	2245	
22	Load length 'X'	Centre of front wheel to face of forks		mm		410	410	415	465	465	
23	Right angle stacking aisle width	Add load length and clearance		mm		2165	2205	2240	2470	2530	
24	Travel speed	Laden/unladen with standard engine		km/h		17/18.0	17/18.5	17/18.5	17.5/19	17.5/19	
		Laden/unladen with optional engine		km/h		17/18.0	17/18.5	17/18.5	17.5/19	17.5/19	
25	Lifting speed	Laden/unladen with standard engine		mm/s		675/710	665/710	655/710	620/670	610/670	
		Laden/unladen with optional engine		mm/s		NA	NA	NA	675/690	675/690	
26	Lowering speed	Laden/unladen		mm/s		495/520	495/520	495/520	495/520	495/520	
	Drawbar pull	Laden/unladen @ 1.5km/h with standard engine		N		17500	17400	17500	16700	16700	
		Laden/unladen @ 1.5km/h with optional engine		N		NA	NA	NA	21800	21900	
	Gradeability	Laden/unladen @ 1.5km/h with standard engine		%		36/24	32/22	29/20	26/26	22/23	
		Laden/unladen @ 1.5km/h with optional engine		%		NA	NA	NA	35/26	30/23	
32	Unladen weight	Standard tread		kg		2700	2910	3130	3440	3770	
33	Axle loads	Laden front/rear		kg		3630/550	4020/640	4430/700	4760/680	5500/780	
34		Unladen front/rear		kg		1120/1420	1140/1770	1130/2000	1580/1860	1510/2260	
36	Tyre sizes	Front (standard tread)				6.00-9-10PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	
		Front (dual tread)				21x8-9-14PR	21x8-9-14PR	21x8-9-14PR	7.00-12-12PR	7.00-12-12PR	
37		Rear				5.00-8-8PR	18x7-8-10PR	18x7-8-10PR	6.00-9-10PR	6.00-9-10PR	
38	Wheelbase			mm	L	1410	1410	1410	1625	1625	
39	Tread	Standard tread: front/rear		mm		915/905	950/930	950/930	970/1000	970/1000	
39A		Dual tread: front/rear		mm		1000/905	1000/930	1000/930	1405/1000	1405/1000	
40	Ground clearance	At lowest point		mm	Q	110	110	110	120	120	
41		Centre of wheel base		mm		120	120	120	190	190	
42	Service brake	Mechanical/hydraulic/electric/pneumatic				Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	
43	Parking brake	Foot/hand/dead man break				Hand	Hand	Hand	Hand	Hand	
49	Standard engine	Manufacturer/model				YANMAR 4TNE92					
50		Permanent output		kW		32.8	32.8	32.8	32.8	32.8	
51		At revs		rpm		2050	2050	2050	2050	2050	
52		Rated torque		Nm/rpm		150/1400	150/1400	150/1400	150/1400	150/1400	
	No. of cylinder/cubic capacity		cm <sup>3</sup>			4/2659	4/2659	4/2659	4/2659	4/3319	
49	Optional engine	Manufacturer/model				NA	NA	NA	YANMAR 4TNE98	YANMAR 4TNE98	
50		Permanent output		kW		NA	NA	NA	50.6	50.6	
51		At revs		rpm		NA	NA	NA	2300	2300	
52		Rated torque		Nm/rpm		NA	NA	NA	198/1600	198/1600	
	No. of cylinder/cubic capacity		cm <sup>3</sup>			NA	NA	NA	4/3319	4/3319	
	Fuel tank		Ltr			52	52	52	69	69	
53	Fuel consumption		Ltr/h			☎	☎	☎	☎	☎	
55	Transmission	With ICE drive				AT	AT	AT	AT	AT	
57	Working pressure	For attachments		Mpa		18.1	18.1	18.1	18.1	18.1	
58	Noise level - standard engine	BITA/ISO Leq 3dB Doubling		dB(A)		☎	☎	☎	☎	☎	

## SPECIFICATIONS

SPECIFICATION		MANUFACTURER		Diesel – Tier 4					
				HYSTER					
DIMENSIONS		Model		H2.0XT	H2.5XT	H3.0XT	H3.5XT		
		1	Capacity		kg	2000	2500	3000	3500
4	Load centre		mm	500	500	500	500		
7	Tyres			Pneumatic	Pneumatic	Pneumatic	Pneumatic		
8	Wheels	No. front/rear (x=Drive)		2X/2	2X/2	2X/2	2X/2		
9	Lift height		mm	A	3000	3000	3000	3000	
10	Standard free lift		mm	B	155	155	160	165	
12	Fork carriage	Carriage width/ITA class		H	1020/2	1020/2	1070/3	1070/3	
13	Fork	Thickness/width/length	mm		40/122/920	40/122/1070	45/122/1070	50/150/1070	
14	Tilt of mast	Forward/backward	deg	C/D	6/10	6/10	6/10	6/10	
	Fork spread	Max/min	mm	M/N	1010/250	1010/250	1060/250	1065/305	
	Overall length	Length to tip of forks	mm	F+G	3470	3685	3835	3905	
15	Truck length	Length to face of forks	mm	G	2550	2615	2765	2835	
16	Overall width	Tyre/frame	mm		1160/1140	1160/1140	1235/1140	1235/1140	
16A	Overall width	Tyre/frame (Dual tread)	mm		1590/1140	1590/1140	1590/1140	1490/1140	
17	Height	Height with lowered mast	mm	P	1995	1995	2060	2140	
18		Height with extended mast	mm	K	4120	4120	4120	4120	
19		Height of overhead guard canopy	mm	J	2130	2130	2150	2150	
20	Seat height		mm		990	990	1010	1010	
21	Turning radius		mm	E	2185	2245	2365	2415	
22	Load length 'X'	Centre of front wheel to face of forks	mm		465	465	490	505	
23	Right angle stacking aisle width	Add load length and clearance	mm		2470	2530	2650	2715	
PERFORMANCE	24	Travel speed	Laden/unladen with standard engine	km/h	18/19.5	18/19.5	17.5/18.5	17.5/18.5	
			Laden/unladen with optional engine	km/h	NA	NA	NA	NA	
	25	Lifting speed	Laden/unladen with standard engine	mm/s	675/700	675/700	560/575	490/505	
			Laden/unladen with optional engine	mm/s	NA	NA	NA	NA	
	26	Lowering speed	Laden/unladen	mm/s	495/520	495/520	495/520	495/520	
	Drawbar pull	Laden/unladen @ 1.5km/h with standard engine	N	21600	21700	22200	20300		
		Laden/unladen @ 1.5km/h with optional engine	N	NA	NA	NA	NA		
	Gradeability	Laden/unladen @ 1.5km/h with standard engine	%	35/25	30/22	26/21	21/19		
		Laden/unladen @ 1.5km/h with optional engine	%	NA	NA	NA	NA		
WEIGHT	32	Unladen weight	Standard tread	kg	3650	3790	4290	4690	
	33	Axle loads	Laden front/rear	kg	5080/580	5550/740	6470/840	7410/910	
			Unladen front/rear	kg	1870/1780	1570/2220	1720/2580	1760/2960	
CHASSIS AND WHEELS	36	Tyre sizes	Front (standard tread)		7.00-12-12PR	7.00-12-12PR	28x9-15-12PR	28x9-15 SOLID	
			Front (dual tread)		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	6.00-15 SOLID	
			Rear		6.00-9-10PR	6.00-9-10PR	6.50-10-10PR	6.50-10 SOLID	
	38	Wheelbase		mm	L	1625	1625	1700	1700
	39	Tread	Standard tread: front/rear	mm		970/1000	970/1000	1010/1000	1010/1000
			Dual tread: front/rear	mm		1405/1000	1405/1000	1405/1000	1330/1000
	40	Ground clearance	At lowest point	mm	Q	120	120	140	140
Centre of wheel base			mm		190	190	210	210	
42	Service brake	Mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic	
43	Parking brake	Foot/hand/dead man break			Hand	Hand	Hand	Hand	
DRIVE	49	Standard engine	Manufacturer/model		KUBOTA V2403	KUBOTA V2403	KUBOTA V2403	KUBOTA V2403	
			Permanent output	kW	43	43	43	43	
			At revs	rpm	2400	2400	2400	2400	
			Rated torque	Nm/rpm	199/1500	199/1500	199/1500	199/1500	
	50	Optional engine	Manufacturer/model		NA	NA	NA	NA	
			Permanent output	kW	NA	NA	NA	NA	
			At revs	rpm	NA	NA	NA	NA	
			Rated torque	Nm/rpm	NA	NA	NA	NA	
52		No. of cylinder/cubic capacity	cm <sup>3</sup>	4/2434	4/2434	4/2434	4/2434		
53	Fuel tank		Ltr	69	69	69	69		
53	Fuel consumption		Ltr/h	☎	☎	☎	☎		
55	Transmission	With ICE drive			AT	AT	AT		
OTHERS	57	Working pressure	For attachments	Mpa	18.1	18.1	18.1	15.7	
	58	Noise level - standard engine	BITA/ISO Leq 3dB Doubling	dB(A)	☎	☎	☎	☎	

# MAST SPECIFICATIONS

H1.5XT				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3035	10	1995	4105	145
3335	10	2145	4405	145
3535	10	2245	4605	145
3735	10	2345	4805	145
4035	6	2595	5105	145
4335	6	2745	5405	145
4535	6	2845	5605	145
4835	6	2995	5905	145
5035	6	3095	6105	145
2-Stage Full Free Lift Vista Mast				
3025	10	1995	4095	925
3325	10	2145	4395	1075
3525	10	2245	4595	1175
3725	10	2345	4795	1275
4125	6	2595	5195	1525
3-Stage Full Free Lift Vista Mast				
4025	6	1895	5095	825
4375	6	1995	5445	925
4525	6	2045	5595	975
4825	6	2145	5895	1075
5125	6	2245	6195	1175
5425	6	2345	6495	1275
6025	6	2595	7095	1525

H1.8XT				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3035	10	1995	4105	145
3335	10	2145	4405	145
3535	10	2245	4605	145
3735	10	2345	4805	145
4035	6	2595	5105	145
4335	6	2745	5405	145
4535	6	2845	5605	145
4835	6	2995	5905	145
5035	6	3095	6105	145
2-Stage Full Free Lift Vista Mast				
3025	10	1995	4095	925
3325	10	2145	4395	1075
3525	10	2245	4595	1175
3725	10	2345	4795	1275
4125	6	2595	5195	1525
3-Stage Full Free Lift Vista Mast				
4025	6	1895	5095	825
4375	6	1995	5445	925
4525	6	2045	5595	975
4825	6	2145	5895	1075
5125	6	2245	6195	1175
5425	6	2345	6495	1275
6025	6	2595	7095	1525

H2.0XTS				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3040	10	1995	4105	150
3340	10	2145	4405	150
3540	10	2245	4605	150
3740	10	2345	4805	150
4040	6	2595	5105	150
4340	6	2745	5405	150
4540	6	2845	5605	150
4840	6	2995	5905	150
5040	6	3095	6105	150
2-Stage Full Free Lift Vista Mast				
3030	10	1995	4095	930
3330	10	2145	4395	1080
3530	10	2245	4595	1180
3730	10	2345	4795	1280
4130	6	2595	5195	1530
3-Stage Full Free Lift Vista Mast				
4030	6	1895	5095	830
4380	6	1995	5445	930
4530	6	2045	5595	980
4830	6	2145	5895	1080
5130	6	2245	6195	1180
5430	6	2345	6495	1280
6030	6	2595	7095	1530

H2.0-2.5XT				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3050	10	1995	4120	155
3350	10	2170	4420	155
3550	10	2270	4620	155
3750	10	2420	4820	155
4050	10	2620	5120	155
4350	6	2770	5420	155
4550	6	2870	5620	155
4850	6	3020	5920	155
5050	6	3120	6120	155
2-Stage Full Free Lift Vista Mast				
3000	10	1995	4070	925
3390	10	2270	4460	1200
3590	10	2370	4660	1300
3840	10	2520	4910	1450
4190	6	2720	5260	1650
3-Stage Full Free Lift Vista Mast				
4135	6	1970	5210	900
4345	6	2040	5420	970
4585	6	2120	5660	1050
4840	6	2205	5910	1135
5035	6	2270	6110	1200
5335	6	2370	6410	1300
5535	6	2470	6610	1400
5685	6	2520	6760	1450
6035	6	2720	7110	1650

# MAST SPECIFICATIONS

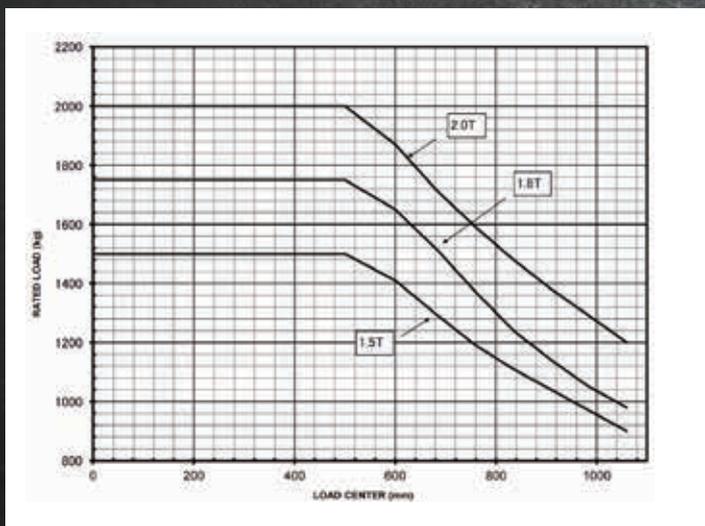
H3.0XT				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3055	10	2060	4125	160
3355	10	2210	4425	160
3555	10	2310	4625	160
3755	10	2440	4825	160
4055	10	2640	5125	160
4355	6	2790	5425	160
4555	6	2890	5625	160
4855	6	3040	5925	160
5055	6	3140	6125	160
2-Stage Full Free Lift Vista Mast				
3080	10	2140	4150	1070
3380	10	2290	4450	1220
3580	10	2390	4650	1320
3830	10	2540	4900	1470
4180	6	2740	5250	1670
3-Stage Full Free Lift Vista Mast				
4125	6	1990	5195	920
4335	6	2060	5405	990
4575	6	2140	5645	1070
4705	6	2225	5775	1155
5025	6	2390	6095	1320
5325	6	2540	6395	1470
5525	6	2640	6595	1570
5725	6	2740	6795	1670
6025	6	2890	7095	1820

H3.5XT				
2-Stage Limited Free Lift Vista Mast				
Maximum Fork Height mm	Back Tilt deg	Overall Lowered Height mm	Overall Extended Height mm	Free Lift mm
3060	10	2140	4080	165
3360	10	2290	4380	165
3560	10	2390	4580	165
3760	10	2490	4780	165
4060	10	2690	5080	165
4360	6	2840	5380	165
4560	6	2940	5580	165
4860	6	3090	5880	165
5060	6	3190	6080	165
2-Stage Full Free Lift Vista Mast				
3085	10	2190	4105	1120
3385	10	2340	4405	1270
3585	10	2440	4605	1370
3835	10	2590	4855	1520
4185	6	2790	5205	1720
3-Stage Full Free Lift Vista Mast				
4130	6	2040	5150	970
4340	6	2110	5360	1040
4580	6	2190	5600	1120
4830	6	2340	5850	1270
5030	6	2440	6050	1370
5330	6	2590	6350	1520
5530	6	2690	6550	1620
5730	6	2790	6750	1720
6030	6	2940	7050	1870

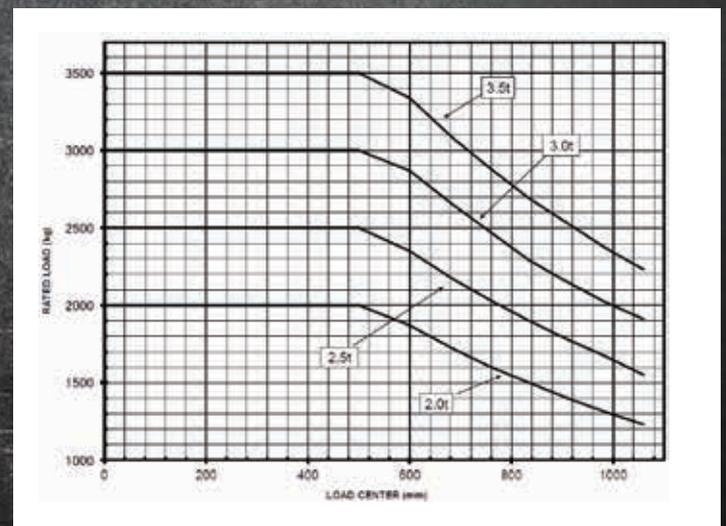
Note: Overall extended height and free lift assume standard load back rest height of 1070mm.

# CAPACITY CHARTS

## STANDARD CARRIAGE - H1.5-1.8XT, H2.0XTS



## STANDARD CARRIAGE - H2.0-3.5XT



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