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SIT-DOWN COUNTERBALANCED FORKLIFT PRODUCT BROCHURE

H2.0-3.5UT



FEATURES

1 HIGH STRENGTH OHG

Overhead guard featuring high strength profiled steel sections to enhance operator protection.

2 FULL SUSPENSION SEAT

Full suspension seat that offers excellent comfort, fitted with an operator's presence system as standard.

3 LOW STEP HEIGHT

Convenient step placing to suit a variety of driver heights to ensure easy access to the truck at all times.





4 WIDE VIEW MAST

The wide view mast delivers excellent visibility of the load and operator's forward field of view, optimising ergonomics and truck productivity.

5 SMALL STEERING WHEEL

The adjustable steering wheel is convenient for the operator, providing 8 degrees of tilt adjustment. Allowing for good manoeuvrability when working in confined spaces.

6 INDUSTRIAL ENGINE

The UT range of industrial engines provide good reliability and easy sourcing of replacement parts.

OVERVIEW

THE Hyster® UT Series provides the ideal solution to meet your less frequent usage needs, without compromising on performance.

The range

The range consists of 2,000 - 3,500 kg. IC counterbalance, pneumatic tire forklift trucks, available in four different capacities:

2,000 KG – H2.0UT / 2,500 KG – H2.5UT

3,000 KG – H3.0UT / 3,500 KG – H3.5UT

Each model is available with diesel, LPG or dual-fuel power, a single-speed powershift transmission and a range of front end equipment options to suit varying application requirements.

Easy to operate

The ergonomically designed operator compartment, with a familiar automotive layout, means that drivers will be able to work comfortably.

A range of standard features and options help to ensure that the truck is configured to the needs of the application.

Serviceability

Due to the simplicity of the components and specifications, servicing can be carried out quickly and easily.

Low cost of ownership

The use of high quality, robust components, efficient filtration and excellent cooling helps contribute to reliable operations and lower wear and tear. This, together with the fast availability of cost-effective replacement parts helps to reduce service and maintenance requirements and costs.

Comfort

- Hyster special display with 3.5" LCD
- Large foot room on floor plate
- Dual suspension system
- Hand parking brake lever with button greatly reduces fatigue in operation
- Small diameter steering wheel with adjustable steering column

Safety and stability

- Wide view mast
- High strength overhead guard
- Muffler and engine protective system
- Low center of gravity

Easy maintenance

- Large access area for service and repairs
- Simple components
- Computer-based diagnostics not required

Reliability and exchangeability

- Triplex plate overhead guard
- Exchangeable components across models

Environmental protection

- Noise isolation material
- Environmentally-aware design

FEATURES

ENGINEERED FOR DRIVERS WITH COMFORT, SAFETY AND ERGONOMICS



Hyster display with 3.5" LCD

- The Hyster UT Series Forklift adopts a 3.5" LCD display, providing convenient viewing of the display data when driving and operating



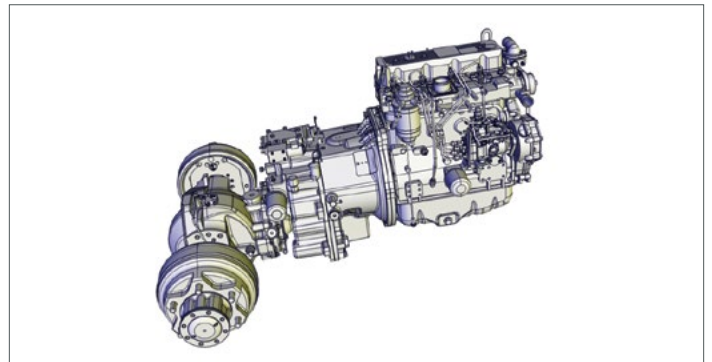
Hand parking brake

- Low effort to operate park brake lever
- Hand parking brake lever with button reduces operator fatigue



Large foot room

- Spacious foot room design provides comfort, convenience and safety
- Control pedals provide extra foot space which reduces operator fatigue and increases operator comfort



Dual suspension system

- The specialised dual-suspension system decreases vibration and noise
- Full floating safeguard/cabin system
- Engine vibration damper
- Suspended transmission replaces traditional rigid connections

FEATURES



Small diameter steering wheel with adjustable steer column

- The 300 mm diameter steering wheel is easy to manipulate, responsive, and helps to provide optimum mobility when working in a narrow space
- The ideally positioned steering wheel allows 8 degrees of adjustment, to suit a variety of different operators



High strength overhead guard

- Profiled steel overhead guard
- High strength roof with high strength glass enhances reliability and operator protection
- Mast composite roller structure



Wide view mast

- The wide view mast with an outside width of 720 mm, significantly helps to improve the driver's front field of view, and increases the productivity and ergonomics of the operation



Large access area for service and repairs

- Large access space to engine compartment makes service and repairs more convenient

SERVICING



Suspension seat

- Full suspension seat offers excellent comfort
- Operator presence system as standard



Triplex plate overhead guard

- The overhead guard is developed using three pieces; left side, right side and top canopy making replacement more convenient



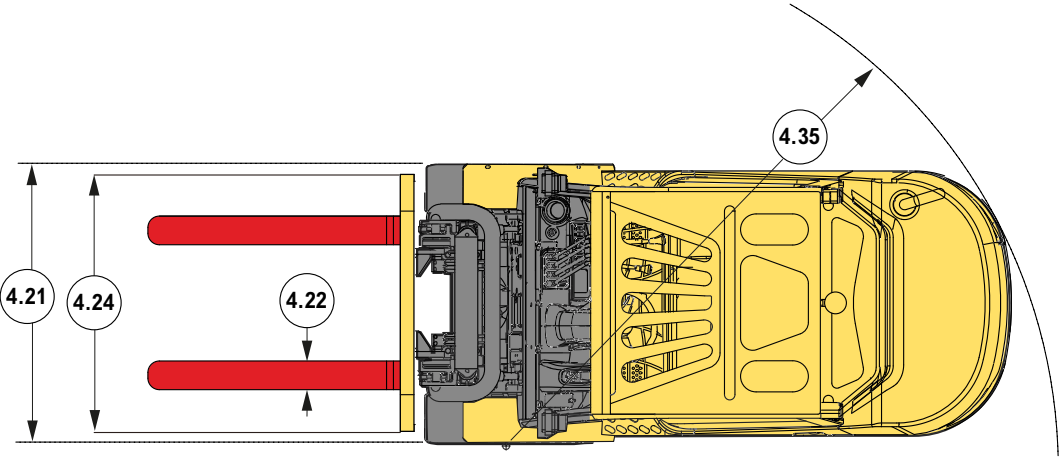
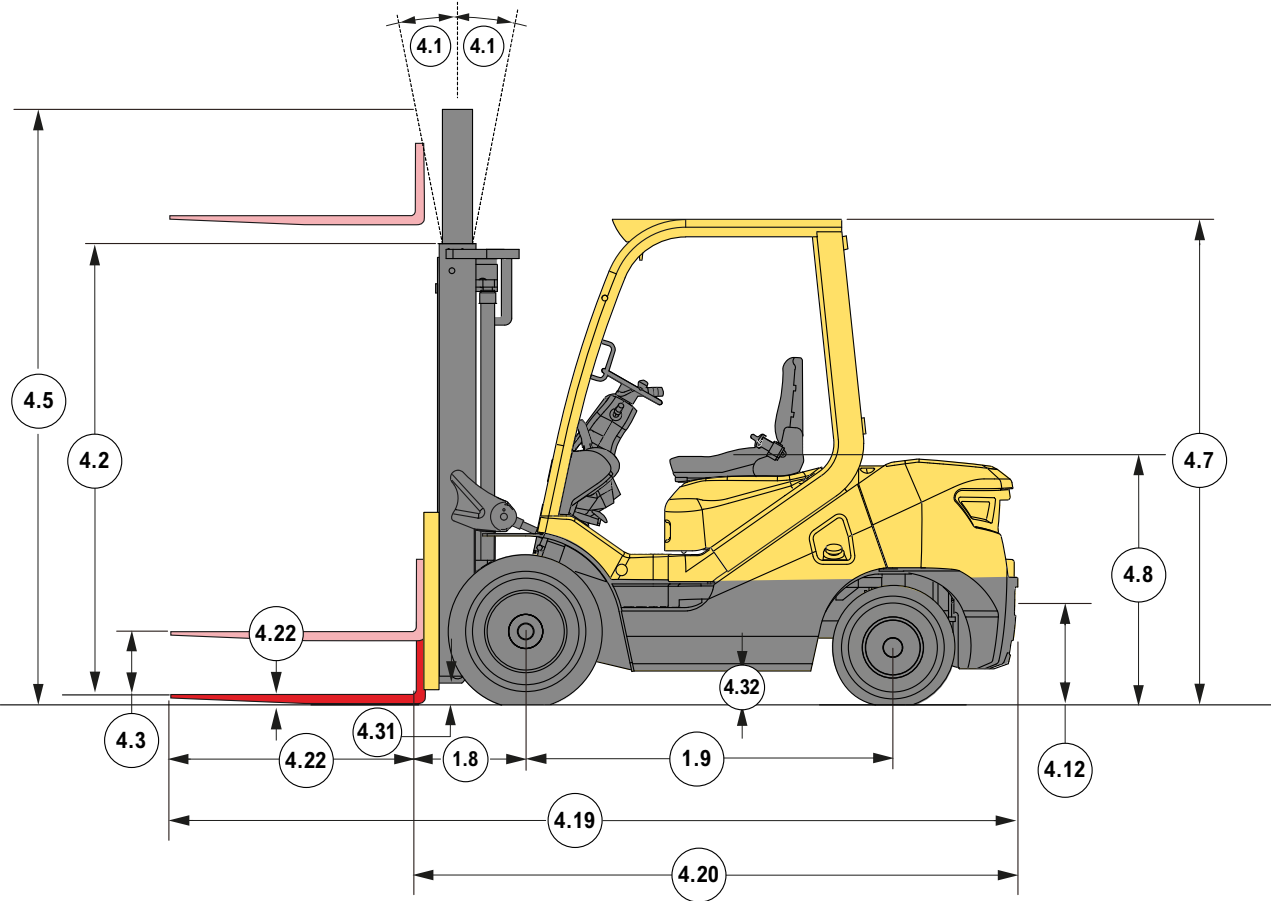
Exchangeable components

- Engine cover, instrument panel, display and most other components are exchangeable with other capacities in the same range
- Front fenders adaptable to single or dual wheel configuration

Improved lifting speed

- Competitive lifting speeds

TRUCK DIMENSIONS



SPECIFICATIONS

GENERAL	1	Manufacturer	Hyster						
	2	Manufacturer's type designation	H2.0UT						
	3	Engine / transmission*	Yanmar 2.6L	Xinchai 2.67L	Kubota 2.4L	GCT K21	GCT K25	Xinchai 2.7L	
	4	Drive: electric (battery or mains), diesel, petrol, fuel gas	DIESEL			LPG / PETROL			
	5	Operator type: hand, pedestrian, standing, seated, order-picker	Seated						
	6	Rated capacity/rated load	kg						
	7	Load centre distance	mm						
	8	Load distance, centre of drive axle to fork	mm						
	9	Wheelbase	mm						
WEIGHT	9	Service weight	kg						
	10	Axle loading, laden front / rear	kg						
	11	Axle loading, unladen front / rear	kg						
TIRES/CHASSIS	12	Tire type	Pneumatic						
	13	Tire size, front	7.00-12NHS-12						
	14	Tire size, rear	6.00-9NHS-10						
	15	Wheels, number front/rear (X = driven wheels)	2X/2						
	16	Tread, front	mm						
DIMENSIONS	17	Tread, rear	mm						
	18	Tilt of mast / fork carriage forward / backward	(°)						
	19	Height, mast lowered	mm						
	20	Free lift	mm						
	21	Lift	mm						
	22	Height of mast, extended wo / LBR	mm						
	22	Height of mast, extended w / LBR	mm						
	23	Height of overhead guard	mm						
	24	Seat height / stand height	mm						
	25	Coupling height	mm						
	26	Overall length	mm						
	27	Length to face of forks	mm						
	28	Overall width (Standard / Dual)	mm						
	29	Fork dimensions	mm						
	30	Fork carriage to DIN 15173. Class, A/B	A						
	31	Fork carriage width	mm						
	32	Ground clearance, laden, below mast	mm						
	33	Ground clearance, centre of wheelbase	mm						
	34	Aisle width with pallets 1000 long x 1200 crossways	mm						
	35	Aisle width with pallets 800 wide x 1200 lengthways	mm						
	36	Turning radius	mm						
	37	Internal turning radius	mm						
	38	Step height (from ground to running board)	mm						
	PERFORMANCE DATA	39	Travel speed, laden / unladen	km/h			18 / 19		
		40	Lift speed, laden / unladen	m/s			0.54 / 0.57		
		41	Lowering speed, laden / unladen	m/s			0.43 / 0.40		
		42	Drawbar pull, laden / unladen @ 1.6 km/h	N	12500 / 10500	15640 / 15640	20000 / 14000	12880 / 12880	15000 / 12000
43		Drawbar pull, laden / unladen @ 4.8 km/h	N	8879 / 7544	11700 / 11700	15500 / 13500	9660 / 9600	6872 / 7544	11700 / 10200
44		Max. drawbar pull, laden / unladen	N	12774 / 8761	18400 / 10400	23000 / 15500	15575 / 15575	16651 / 8761	23000 / 15500
45		Gradeability, laden / unladen @ 4.8 km/h	%	18 / 22.4	20 / 25	20 / 25	17 / 23	13.1 / 22.4	20 / 25
46		Max. gradeability, laden / unladen @ 1.6 km/h	%	20 / 25	24 / 26	21 / 25	23 / 23	25 / 25	24 / 26
ENGINE	47	Service brake	Hydraulic						
	48	Engine manufacturer/type	Yanmar 2.6L	Xinchai 2.67L	Kubota 2.4L	GCT K21	GCT K25	Xinchai 2.7	
	49	Engine power according to ISO 1585	kW	32.8	36.8	43.2	31.2	37.4	42
	50	Rated speed	min-1	2450	2500	2400	2250	2300	2650
	51	Number of cylinders/displacements	(-)/cm3	4 / 2659	4 / 2674	4, 2403	4 / 2065	4 / 2488	4, 2674
	52	Fuel consumption according to VDI cycle	l/h or kg/h	2.6	-	3.1	3.2	3.3	-
ADDITIONAL DATA	53	Type of drive unit	Automatic						
	54	Operating pressure for attachments	bar						
	55	Oil volume for attachments	l/min						
	56	Hydraulic oil tank capacity - initial fill	ℓ						
	57	Fuel tank capacity	ℓ						
	58	Average noise level at operator's ear (no cab)	dB(A)			84			
	59	Guaranteed sound power 2001/14/EC	dB(A)			103			
	60	Towing coupling, type DIN	PIN						

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

*RL=rated load, NL=no load **Check with your dealer for engine availability.

SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster					
	2	Manufacturer's type designation		H2.5UT					
	3	Engine / transmission*		Yanmar 2.6L	Xinchai 2.67L	Kubota 2.4L	GCT K21	GCT K25	Xinchai 2.7L
	4	Drive: electric (battery or mains), diesel, petrol, fuel gas		DIESEL			LPG / PETROL		
	5	Operator type: hand, pedestrian, standing, seated, order-picker		Seated					
	6	Rated capacity/rated load	kg	2500					
	7	Load centre distance	mm	500					
	8	Load distance, centre of drive axle to fork	mm	475					
	9	Wheelbase	mm	1600					
WEIGHT	10	Service weight	kg	3650					
	11	Axle loading, laden front / rear	kg	5320 / 650			5400 / 650		
	12	Axle loading, unladen front / rear	kg	1500 / 2150					
TIRES/CHASIS	13	Tire type		Pneumatic					
	14	Tire size, front		7.00-12NHS-12					
	15	Tire size, rear		6.00-9NHS-10					
	16	Wheels, number front/rear (X = driven wheels)		2X / 2					
	17	Tread, front	mm	970					
	18	Tread, rear	mm	980					
DIMENSIONS	19	Tilt of mast / fork carriage forward / backward	(°)	6, 12					
	20	Height, mast lowered	mm	2010					
	21	Free lift	mm	160					
	22	Lift	mm	3000					
	23	Height of mast, extended wo / LBR	mm	3575					
		Height of mast, extended w / LBR	mm	4025					
	24	Height of overhead guard	mm	2180					
	25	Seat height / stand height	mm	1167					
	26	Coupling height	mm	250					
	27	Overall length	mm	3690					
	28	Length to face of forks	mm	2620					
	29	Overall width (Standard / Dual)	mm	1150 / 1590					
	30	Fork dimensions	mm	40 x 122 x 1070					
	31	Fork carriage to DIN 15173. Class, A/B		A					
	32	Fork carriage width	mm	1040					
	33	Ground clearance, laden, below mast	mm	125					
	34	Ground clearance, centre of wheelbase	mm	150					
	35	Aisle width with pallets 1000 long x 1200 crossways	mm	4026					
	36	Aisle width with pallets 800 wide x 1200 lengthways	mm	4226					
	37	Turning radius	mm	2350					
	38	Internal turning radius	mm	136					
39	Step height (from ground to running board)	mm	430						
PERFORMANCE DATA	40	Travel speed, laden / unladen	km/h	19 / 19	19 / 19	18 / 19	18 / 18	19 / 19	18 / 19
	41	Lift speed, laden / unladen	m/s	0.56 / 0.61	0.56 / 0.59	0.49 / 0.52	0.43 / 0.4	0.42 / 0.54	0.43 / 0.4
	42	Lowering speed, laden / unladen	m/s	0.45 / 0.41	0.45 / 0.41	0.45 / 0.41	0.45 / 0.41	0.45 / 0.41	0.45 / 0.41
	43	Drawbar pull, laden / unladen @ 1.6 km/h	N	13500 / 10500	15640 / 15640	20000 / 14500	12800 / 12800	16000 / 12000	20000 / 14000
	44	Drawbar pull, laden / unladen @ 4.8 km/h	N	8879 / 7185	11960 / 11960	15500 / 13500	9975 / 9975	6872 / 7185	11700 / 10200
	45	Max. drawbar pull, laden / unladen	N	12648 / 8450	18100 / 15000	23000 / 11000	15575 / 15575	16790 / 8450	23000 / 15500
	46	Gradeability, laden / unladen @ 4.8 km/h	%	15 / 19.5	18 / 25	19 / 24	14 / 20	11 / 19.5	18 / 19
	47	Max. gradeability, laden / unladen @ 1.6 km/h	%	22.5 / 25	25 / 25	21 / 25	20 / 20	25 / 25	24 / 26
	48	Service brake		Hydraulic					
ENGINE	49	Engine manufacturer/type		Yanmar 2.6L	Xinchai 2.67L	Kubota 2.4L	GCT K21	GCT K25	Xinchai 2.7
	50	Engine power according to ISO 1585	kW	32.8	36.8	43.2	31.2	37.4	42
	51	Rated speed	min-1	2450	2500	2400	2250	2300	2650
	52	Number of cylinders/displacements	(-)/cm3	4 / 2659	4 / 2674	4, 2403	4 / 2065	4 / 2488	4, 2674
	53	Fuel consumption according to VDI cycle	l/h or kg/h	3.6	3.3	3.3	3.4	3.5	-
ADDITIONAL DATA	54	Type of drive unit		Automatic					
	55	Operating pressure for attachments	bar	0-175					
	56	Oil volume for attachments	l/min	64					
	57	Hydraulic oil tank capacity - initial fill	ℓ	60					
	58	Fuel tank capacity	ℓ	60					
	59	Average noise level at operator's ear (no cab)	dB(A)	84	88	84	84	84	84
	60	Guaranteed sound power 2001/14/EC	dB(A)	104	105	104	103	103	104
61	Towing coupling, type DIN		PIN						

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*RL=rated load, NL=no load **Check with your dealer for engine availability.

SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster				
	2	Manufacturer's type designation		H3.0UT				
	3	Engine / transmission*		Yanmar 3.3L	Xinchai 2.67L	Kubota 2.4L	GCT K25	Xinchai 2.7L
	4	Drive: electric (battery or mains), diesel, petrol, fuel gas		DIESEL			LPG / PETROL	
	5	Operator type: hand, pedestrian, standing, seated, order-picker		Seated				
	6	Rated capacity/rated load	kg	3000				
	7	Load centre distance	mm	500				
	8	Load distance, centre of drive axle to fork	mm	490				
	9	Wheelbase	mm	1700				
WEIGHT	10	Service weight	kg	4300				
	11	Axle loading, laden front / rear	kg	6490 / 810				
	12	Axle loading, unladen front / rear	kg	1710 / 2590				
TIRES/CHASIS	13	Tire type		Pneumatic				
	14	Tire size, front		28x9-15NHS-14PR				
	15	Tire size, rear		6.500-10NHS-12PR				
	16	Wheels, number front/rear (X = driven wheels)		2X/2	2X/3	2X/3	2X/2	2X/2
	17	Tread, front	mm	1000				
DIMENSIONS	18	Tread, rear	mm	970				
	19	Tilt of mast / fork carriage forward / backward	(°)	6 , 12	6 , 13	6 , 13	6 , 12	6 , 12
	20	Height, mast lowered	mm	2075				
	21	Free lift	mm	165				
	22	Lift	mm	3000				
	23	Height of mast, extended wo / LBR	mm	3640				
	24	Height of mast, extended w / LBR	mm	4140				
	25	Height of overhead guard	mm	2205				
	26	Seat height / stand height	mm	1192				
	27	Coupling height	mm	480				
	28	Overall length	mm	3804				
	29	Length to face of forks	mm	2734				
	30	Overall width (Standard / Dual)	mm	1210 / 1650				
	31	Fork dimensions	mm	45 x 122 x 1070				
	32	Fork carriage to DIN 15173. Class, A/B		A				
	33	Fork carriage width	mm	1100				
	34	Ground clearance, laden, below mast	mm	130				
	35	Ground clearance, centre of wheelbase	mm	145				
	36	Aisle width with pallets 1000 long x 1200 crossways	mm	4126				
	37	Aisle width with pallets 800 wide x 1200 lengthways	mm	4326				
	PERFORMANCE DATA	38	Turning radius	mm	2430			
39		Internal turning radius	mm	203				
40		Step height (from ground to running board)	mm	455				
41		Travel speed, laden / unladen	km/h	19 / 20	19 / 20	19 / 20	18 / 19	18 / 19
42		Lift speed, laden / unladen	m/s	0.42 / 0.45	0.42 / 0.45	0.49 / 0.52	0.40 / 0.43	0.40 / 0.43
43		Lowering speed, laden / unladen	m/s	0.4 / 0.38	0.4 / 0.38	0.4 / 0.38	0.40 / 0.38	0.40 / 0.38
44		Drawbar pull, laden / unladen @ 1.6 km/h	N	15766 / 15766	117500 / 14000	19000 / 14000	15000 / 13000	15000 / 13000
45		Drawbar pull, laden / unladen @ 4.8 km/h	N	11766 / 11766	7319 / 9119	15000 / 11000	11500 / 11500	11500 / 11500
ENGINE	46	Max. drawbar pull, laden / unladen	N	16941 / 9688	17000 / 12000	22000 / 12500	17480 / 17480	17480 / 17480
	47	Gradeability, laden / unladen @ 4.8 km/h	%	12.5 / 19	14 / 19	18.5 / 24	13 / 19	13 / 19
	48	Max. gradeability, laden / unladen @ 1.6 km/h	%	24 / 25	19 / 25	20 / 24	20 / 25	20 / 25
	49	Service brake		Hydraulic				
	50	Engine manufacturer/type		Yanmar 3.3L	Xinchai 2.67L	Kubota 2.4L	GCT K25	Xinchai 2.7
	51	Engine power according to ISO 1585	kW	42.1	36.8	43.2	37.4	42
	52	Rated speed	min-1	2300	2500	2400	2300	4, 2674
	53	Number of cylinders/displacements	(-)/cm3	4 / 3319	4 / 2674	4, 2403	4 / 2488	4, 2674
ADDITIONAL DATA	54	Fuel consumption according to VDI cycle	l/h or kg/h	4.1	-	3.5	3.5	-
	55	Type of drive unit		Automatic				
	56	Operating pressure for attachments	bar	0-175				
	57	Oil volume for attachments	l/min	64				
	58	Hydraulic oil tank capacity - initial fill	ℓ	70				
	59	Fuel tank capacity	ℓ	70				
	60	Average noise level at operator's ear (no cab)	dB(A)	84	88	84	84	84
	61	Guaranteed sound power 2001/14/EC	dB(A)	104	105	104	103	104
ADDITIONAL DATA	62	Towing coupling, type DIN		PIN				
	63							

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SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster				
	2	Manufacturer's type designation		H3.5UT				
	3	Engine / transmission*		Yanmar 3.3L	Xinchai 2.67L	Kubota 2.4L	GCT K25	Xinchai 2.7L
	4	Drive: electric (battery or mains), diesel, petrol, fuel gas		DIESEL		LPG / PETROL		
	5	Operator type: hand, pedestrian, standing, seated, order-picker		Seated				
	6	Rated capacity/rated load	kg	3500				
	7	Load centre distance	mm	500				
	8	Load distance, centre of drive axle to fork	mm	510				
	9	Wheelbase	mm	1700				
WEIGHT	10	Service weight	kg	4710				
	11	Axle loading, laden front / rear	kg	7250 / 960				
	12	Axle loading, unladen front / rear	kg	1690 / 3020				
	13	Tire type		Pneumatic				
TIRES/CHASIS	14	Tire size, front		28x9-15NHS-14PR				
	15	Tire size, rear		6.500-10NHS-10PR				
	16	Wheels, number front/rear (X = driven wheels)		2X/2				
	17	Tread, front	mm	1000				
	18	Tread, rear	mm	970				
	19	Tilt of mast / fork carriage forward / backward	(°)	6 / 12				
	20	Height, mast lowered	mm	2150				
	21	Free lift	mm	165				
	22	Lift	mm	3000				
	23	Height of mast, extended wo / LBR	mm	3700				
	24	Height of mast, extended w / LBR	mm	4140				
	25	Height of overhead guard	mm	2205				
	26	Seat height / stand height	mm	1192				
	27	Coupling height	mm	480				
	28	Overall length	mm	3894				
	29	Length to face of forks	mm	2824				
	30	Overall width (Standard / Dual)	mm	1210 / 1650				
	31	Fork dimensions	mm	45 x 122 x 1070				
	32	Fork carriage to DIN 15173. Class, A/B		A				
	33	Fork carriage width	mm	1100				
	34	Ground clearance, laden, below mast	mm	130				
	35	Ground clearance, centre of wheelbase	mm	145				
	36	Aisle width with pallets 1000 long x 1200 crossways	mm	4210				
	37	Aisle width with pallets 800 wide x 1200 lengthways	mm	4410				
	38	Turning radius	mm	2500				
	39	Internal turning radius	mm	203				
	40	Step height (from ground to running board)	mm	455				
	41	Travel speed, laden / unladen	km/h	19 / 20	19 / 20	19 / 20	19 / 20	19 / 20
	42	Lift speed, laden / unladen	m/s	0.38 / 0.40	0.34 / 0.36	0.41 / 0.38	0.33 / 0.36	0.33 / 0.36
	43	Lowering speed, laden / unladen	m/s	0.45 / 0.38	0.45 / 0.38	0.45 / 0.38	0.45 / 0.38	0.45 / 0.38
	44	Drawbar pull, laden / unladen @ 1.6 km/h	N	16500 / 13000	15209 / 15209	16400 / 10000	14000 / 12000	14000 / 12000
	45	Drawbar pull, laden / unladen @ 4.8 km/h	N	8968 / 8892	11684 / 11684	11500 / 10000	6906 / 8892	6906 / 8892
	46	Max. drawbar pull, laden / unladen	N	17739 / 9870	16560 / 16560	22600 / 12500	16679 / 9870	16679 / 9870
	47	Gradeability, laden / unladen @ 4.8 km/h	%	13 / 19	12 / 16.5	17 / 21	10 / 19.5	10 / 19.5
	48	Max. gradeability, laden / unladen @ 1.6 km/h	%	19.5 / 24	16.5 / 24	20 / 24	17.5 / 25	17.5 / 25
	49	Service brake		Hydraulic				
	50	Engine manufacturer/type		Yanmar 3.3L	Xinchai 2.67L	Kubota 2.4L	GCT K25	Xinchai 2.7
	51	Engine power according to ISO 1585	kW	42.1	36.8	43.2	37.4	42
	52	Rated speed	min-1	2300	2500	2400	2300	2650
	53	Number of cylinders/displacements	(-)/cm3	4 / 3319	4 / 2674	4,2403	4 / 2488	4,2674
	54	Fuel consumption according to VDI cycle	l/h or kg/h	4.9	-	3.8	4.3	-
	55	Type of drive unit		Automatic				
	56	Operating pressure for attachments	bar	0-175				
	57	Oil volume for attachments	l/min	64				
	58	Hydraulic oil tank capacity - initial fill	ℓ	70				
	59	Fuel tank capacity	ℓ	70				
	60	Average noise level at operator's ear (no cab)	dB(A)	84	88	84	84	84
	61	Guaranteed sound power 2001/14/EC	dB(A)	104	105	104	103	104
ADDITIONAL DATA	62	Towing coupling, type DIN		PIN				

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

*RL=rated load, NL=no load **Check with your dealer for engine availability.

MAST AND CAPACITY INFORMATION

H2.0UT RATED CAPACITY KG @ 500 MM AND 600 MM LOAD CENTER

	Maximum fork height h ₃ + s (mm)	Mast tilt		Lowered height h ₁ (mm)	Extended height h _i (mm) (1)	Extended height h _j (mm) (2)	Free lift height h ₂ + s (mm)		H2.0UT without sideshift			
		FWD tilt (°)	Back tilt (°)				Without LBR (mm)	With LBR (mm)	Solid tires		Pneumatic tires	
									500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	3000	6	12	2010	3575	3990	160	160	2000	1800	2000	1800
	4000	6	6	2560	4575	4990	160	160	2000	1800	2000	1800
	4500	6	6	2810	5075	5490	160	160	1900	1710	1850	1710
	5000	6	6	3060	5575	5990	160	160	1800	1620	1590	1550
	5500	3	6	3360	6075	6490	160	160	1690	1520	1150	1130
	6000	3	6	3610	6575	6990	160	160	1520	1400	870	860
2 STG FFL	3000	6	12	2010	3590	3990	1420	1020	2000	1800	2000	1800
3-stage full free lift	4500	6	6	2060	5017	5490	1440	1070	1900	1730	1830	1730
	4800	6	6	2160	5317	5790	1540	1170	1840	1670	1710	1660
	5500	3	6	2425	6017	6490	1800	1430	1670	1510	1110	1110
	6000	3	6	2610	6517	6990	1990	1620	1430	1390	850	850
	6500	3	6	2825	7017	7490	2215	1835	1170	1170	610	610

H2.5UT RATED CAPACITY KG @ 500 MM AND 600 MM LOAD CENTER

	Maximum fork height h ₃ + s (mm)	Mast tilt		Lowered height h ₁ (mm)	Extended height h _i (mm) (1)	Extended height h _j (mm) (2)	Free lift height h ₂ + s (mm)		H2.SUT without sideshift			
		FWD tilt (°)	Back tilt (°)				Without LBR (mm)	With LBR (mm)	Solid tires		Pneumatic tires	
									500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	3000	6	12	2010	3575	3990	160	160	2500	2300	2500	2300
	4000	6	6	2560	4575	4990	160	160	2500	2300	2500	2300
	4500	6	6	2810	5075	5490	160	160	2390	2200	2080	2010
	5000	6	6	3060	5575	5990	160	160	2270	2090	1810	1760
	5500	3	6	3360	6075	6490	160	160	1860	1840	1350	1320
	6000	3	6	3610	6575	6990	160	160	1500	1480	1040	1030
2 STG FFL	3000	6	12	2010	3590	3990	1420	1020	2500	2300	2500	2300
3-stage full free lift	4500	6	6	2060	5017	5490	1440	1070	2340	2120	2020	1990
	4800	6	6	2160	5317	5790	1540	1170	2270	2060	1890	1870
	5500	3	6	2425	6017	6490	1800	1430	1710	1710	1280	1280
	6000	3	6	2610	6517	6990	1990	1620	1410	1410	1010	1010
	6500	3	6	2825	7017	7490	2215	1835	1120	1150	740	740

MAST AND CAPACITY INFORMATION

H3.0UT RATED CAPACITY KG @ 500 MM AND 600 MM LOAD CENTER

	Maximum fork height h ₃ + s (mm)	Mast tilt		Lowered height h ₁ (mm)	Extended height h ₁ (mm) (1)	Extended height h ₂ (mm) (2)	Free lift height h ₂ + s (mm)		H3.OUT without sideshift			
		FWD tilt (°)	Back tilt (°)				Without LBR (mm)	With LBR (mm)	Solid tires		Pneumatic tires	
									500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage STG FFL	3000	6	12	2075	3640	4100	165	165	3000	2910	3000	2910
	4000	6	6	2625	4640	5100	165	165	3000	2850	3000	2780
	4500	6	6	2875	5140	5600	165	165	2860	2660	2750	2580
	5000	6	6	3125	5640	6100	165	165	2760	2570	2420	2350
	5500	3	6	3425	6140	6600	165	165	2340	2290	1920	1870
	6000	3	6	3675	6640	7100	165	165	1800	1760	1380	1360
3-stage full free lift	3000	6	12	2075	3650	4100	1425	975	3000	2900	3000	2900
	4500	6	6	2125	5100	5600	1525	1025	2790	2540	2680	2540
	4800	6	6	2225	5400	5900	1625	1125	2720	2470	2610	2470
	5500	3	6	2490	6100	6600	1880	1380	2190	2190	1860	1860
	6000	3	6	2675	6600	7100	2075	1575	1630	1630	1280	1280
	6500	3	6	2890	7100	7600	2260	1790	1220	1220	820	820

H3.5UT RATED CAPACITY KG @ 500 MM AND 600 MM LOAD CENTER

	Maximum fork height h ₃ + s (mm)	Mast tilt		Lowered height h ₁ (mm)	Extended height h ₁ (mm) (1)	Extended height h ₂ (mm) (2)	Free lift height h ₂ + s (mm)		H3.5UT without sideshift			
		FWD tilt (°)	Back tilt (°)				Without LBR (mm)	With LBR (mm)	Solid tires		Pneumatic tires	
									500 mm LC	600 mm LC	500 mm LC	600 mm LC
2-stage limited free lift	3000	6	12	2150	3700	4100	170	170	3500	3450	3500	3450
	4000	6	6	2700	4700	5100	170	170	3500	3320	3310	3080
	4500	6	6	2950	5200	5600	170	170	3380	3210	2960	2780
	5000	6	6	3200	5700	6100	170	170	2980	2810	2470	2320
	5500	3	6	3500	6200	6600	170	170	2430	2290	1950	1840
	6000	3	6	3750	6700	7100	170	170	1980	1870	1520	1440
2 STG FFL	3000	6	12	2150	3680	4100	1470	1050	3500	3440	3500	3440
3-stage full free lift	4500	6	6	2200	5140	5600	1560	1100	3270	2970	2870	2810
	4800	6	6	2300	5440	5900	1660	1200	3090	2900	2630	2590
	5500	3	6	2565	6140	6600	1915	1455	2350	2310	1920	1880
	6000	3	6	2750	6640	7100	2110	1650	1880	1860	1450	1430
	6500	3	6	2965	7100	7600	2290	1830	1410	1400	920	920

Note: For integral sideshift deduct 50 Kg from stated capacity, (1) = without LBR (2) with LBR, all ratings with 1070 mm forks, dual tire capacities available upon request.


FEATURES AND OPTIONS

PERFORMANCE	STD	OPT
GCT K21 2.1L Dual Fuel Engine	x	
GCT K25 2.5L Dual Fuel Engine		x
Yanmar 2.6L Diesel Engine		x
Yanmar 3.3L Diesel Engine		x
Xinchai 2.7L Diesel Engine		x
Kubota 2.4L StageV Diesel Engine		x
Xinchai 2.7L LPG Engine		x
High air intake	x	
High air intake with pre-cleaner		x
DRIVE	STD	OPT
1-speed powershift transaxle driveline	x	
Pneumatic tires	x	
Pneumatic-shaped solid tires		x
Pneumatic-shaped solid non-marking tires		x
LIFT	STD	OPT
2-stage limited free lift mast	x	
3-stage full free lift mast		x
41" hook type carriage	x	
41" hook type integral sideshift carriage		x
41" hook type sideshift carriage with fork positioner		x
6° forward/12° back mast tilt range	x	
6° forward/6° back mast tilt range		x
3-function (1 AUX) hydraulic controls with mechanical levers	x	
4-function (2 AUX) hydraulic controls with mechanical levers		x
Tilt cylinder boots		x

ERGONOMICS	STD	OPT
Easy-access operator controls	x	
Small diameter steering wheel with spinner knob	x	
Adjustable tilt steering column	x	
Spacious foot room and convenient control pedals	x	
Low step height	x	
Low step height	x	
Full-suspension vinyl seat		x
Rear drive handle with horn button		x
OPERATION	STD	OPT
Intuitive mechanical lever hydraulic controls	x	
Operator presence system	x	
Hydraulic lockout feature when operator is not seated in the truck	x	
Manual park brake lever	x	
SUPPLEMENTAL	STD	OPT
LED work lights		x
Brake/tail/backup light package		x
Amber strobe light		x
Audible backup alarm		x
Rain cover for overhead guard		x
Dual side view mirrors		x



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