



**STRONG PARTNERS.
TOUGH TRUCKS.™**

H5.0-7.0UT6

INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT

WWW.HYSTER.COM

FEATURES

1 HIGH STRENGTH OVERHEAD GUARD

The overhead guard features profiled steel to enhance operator protection.

2 FULL SUSPENSION SEAT

A full suspension seat offers excellence in comfort, with an operator presence system fitted as standard.

3 LOW STEP HEIGHT

Convenient, low step suits a variety of operators, providing easy entry into the operator compartment.





4 WIDE VIEW MAST

The wide view mast delivers excellent visibility of the load and operator's forward field of view, helping to boost operator comfort and productivity.

5 SMALL STEERING WHEEL

A small steering wheel adjusts up to 8 degrees, providing ergonomic benefit to the operator.

6 INDUSTRIAL ENGINE

The robust and durable engine provides reliability and ease for sourcing replacement parts.

The UT series was developed for your customers who need a no-nonsense truck that meets the need and makes the move, but is also backed by the power of the Hyster® name.

The range

The range consists of 5,000 - 7,000kg. IC counterbalance, pneumatic tire forklift trucks, available in three different capacities (lift and load center):

5000KG – H5.0UT6

6000KG – H6.0UT6

7000KG – H7.0UT6

Each model is available with diesel 2 speed forward / 2 reverse 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 can work comfortably.

A range of standard features and options help to customize the truck to the needs of your application.

Serviceability

Simplicity of components and specifications contributes to ease of serviceability, helping to reduce downtime and overall cost of ownership.

Low cost of ownership

The use of high quality, robust components, efficient filtration and excellent cooling helps contribute to smooth 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 reduces fatigue in operation
- Small diameter steering wheel with adjustable steering column

Operator confidence

- 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

- One piece welded overhead guard
- Exchangeable components across models

ENGINEERED FOR DRIVERS WITH COMFORT, SAFETY AND ERGONOMICS



Hyster display with 3.5" LCD

- The Hyster® UT Series utilizes a 3.5" LCD display, providing convenient viewing of the display data during operation



Hand parking brake

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



Spacious footwell

- Spacious foot room design provides added comfort to the operator
- Control pedals are designed to provide extra foot space which helps to reduce operator fatigue and increase operator comfort



Transmission and drive axle

- Heavy duty, robust powershift transmission with two forward gears and one reverse
- Durable drive axle

> FEATURES



Small diameter steering wheel with adjustable steer column

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



High-strength overhead guard

- Profiled steel overhead guard
- High strength roof enhances reliability and operator protection



Forward view visibility

- The wide view mast delivers excellent visibility of the load and operator's forward field of view, aiding in comfort and productivity
- Mast composite roller structure



Large access area for service and repairs

- Convenient access to serviceable components helps to reduce serviceability efforts



Suspension seat

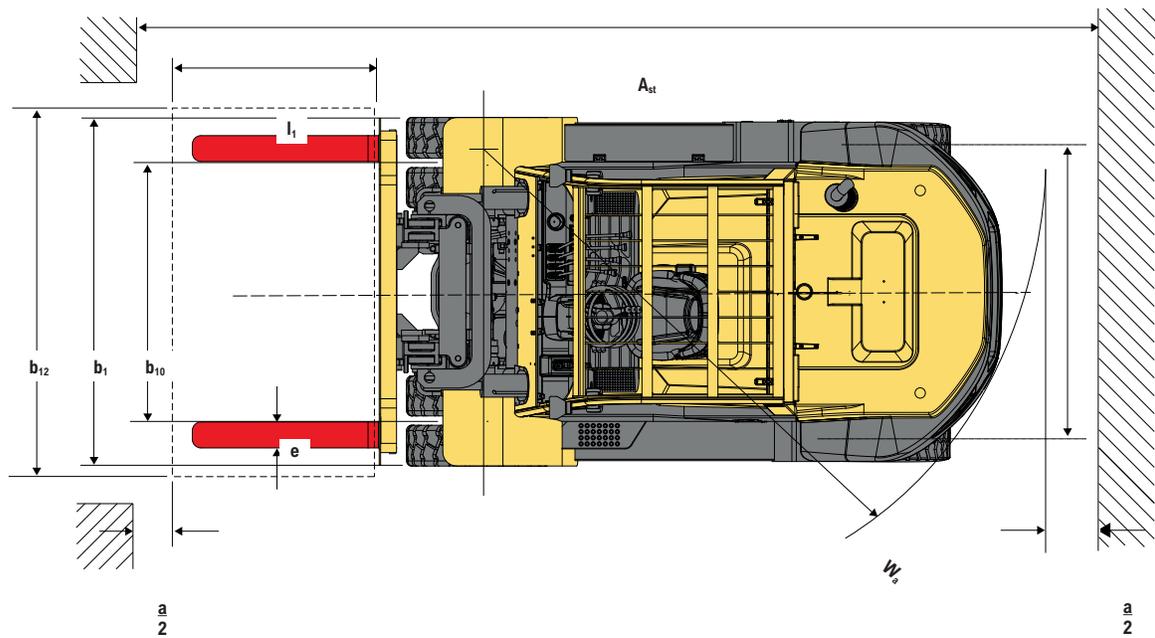
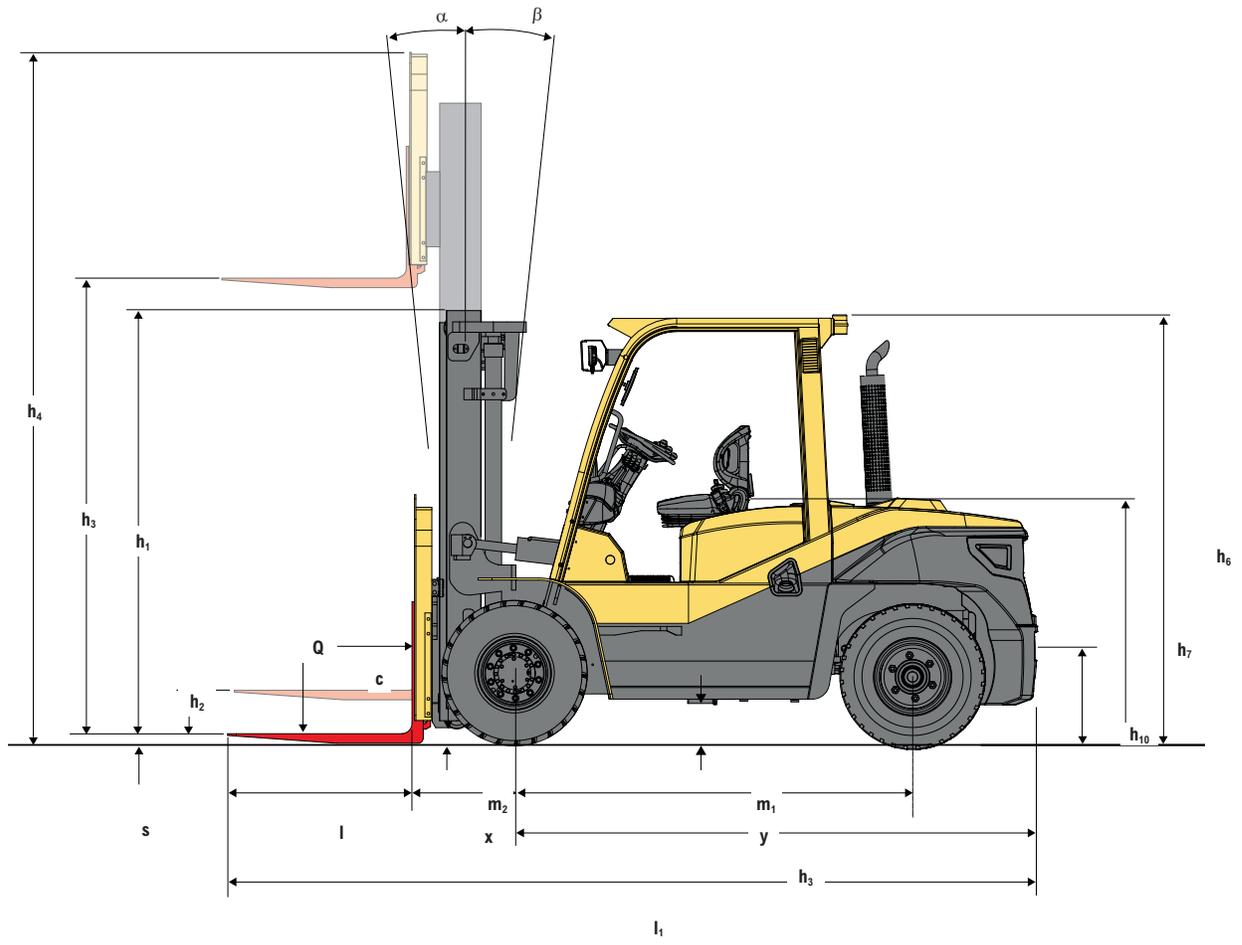
- Full suspension seat offers excellent comfort
- Operator presence system is standard



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

> TRUCK DIMENSIONS



GENERAL	1.1	Manufacturer			HYSTER	HYSTER	HYSTER
	1.2	Model designation			H5.OUT6	H6.OUT6	H7.OUT6
	1.3	Power: battery, diesel, LPG, electric mains			Diesel	Diesel	Diesel
	1.4	Operation: manual, pedestrian, stand, seat, orderpicker			Seat	Seat	Seat
	1.5	Load capacity	Q	kg	5000	6000	7000
WEIGHT	1.6	Load center	c	mm	600	600	600
	1.8	Load distance	x	mm	590	590	590
	1.9	Wheelbase	y	mm	2300	2300	2300
WHEELS	2.1	Unladen weight		kg	8360	9010 / 13450	9650 / 14900
	2.2	Axle loading, laden front / rear		kg	12090 / 1270	1560 / 4380	1750 / 4050
	2.3	Axle loading without load, front / rear		kg	4520 / 3830	4630	5600
DIMENSIONS	3.1	Tires: P = pneumatic, V = cushion, SE = superelastic			P	P	P
	3.2	Tire size, front			8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
	3.3	Tire size, rear			8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
	3.5	Number of wheels, front/rear (X = driven)			4 X 2	4 x 2	4 x 2
	3.6	Track width, front	b ₁₀	mm	1489	1489	1489
	3.7	Track width, rear	b ₁₁	mm	1700	1700	1700
	4.1	Mast tilt, forward α / back β	α / β	($^{\circ}$)	10 / 12	10 / 12	10 / 12
	4.2	Height of mast, lowered	h ₁	mm	2500	2500	2625
	4.3	Free lift	h ₂	mm	205	205	205
	4.4	Lift height	h ₃	mm	3000	3000	3000
	4.5	Height of mast, extended	h ₄	mm	4425	4425	4425
	4.7	Height to top of overhead guard	h ₆	mm	2450	2450	2450
	4.8	Seat height	h ₇	mm	1400	1400	1400
	4.12	Towing coupling height	h ₁	mm	345	345	345
	4.19	Overall length	l ₁	mm	4715	4785	4830
	4.20	Length to face of forks	l ₂	mm	3495	3565	3610
	4.21	Overall width, standard / dual	b ₁	mm	2020	2020	2020
	4.22	Fork dimensions ISO2331	s/e/l	mm	65 / 150 / 1220	65 / 150 / 1220	65 / 150 / 1220
	4.23	Fork carriage to DIN 15173. Class, A/B		mm	ISO 4A	ISO 4A	ISO 4A
	4.24	Fork carriage width	b ₃	mm	1845	1845	1845
	4.31	Ground clearance under mast, with load	m ₁	mm	200	200	200
	4.32	Ground clearance at center of wheelbase	m ₂	mm	230	230	230
	4.33	Load dimension b ₁₂ x l ₆ crossways	b ₁₂ x l ₆	mm	1000 x 1000	1000 x 1000	1000 x 1000
	4.34	Aisle width with predetermined load dimensions	Ast	mm	5030	5085	5150
	4.34.1	Aisle width with pallets 1000mm x 1200mm crossways	Ast	mm	5030	5085	5150
	4.34.2	Aisle width with pallets 800mm x 1200mm crossways	Ast	mm	4830	4885	4950
4.35	Outer turning radius	Wa	mm	3250	3300	3360	
4.36	Inner turning radius	b ₁₃	mm	100	100	100	
4.42	Step height (from ground to running board)		mm	968	968	968	
4.43	Step height (between intermediate steps and floor)		mm	330	330	330	
PERFORMANCE	5.1	Travel speed laden / unladen - Shift 2		km/h	29 / 30	29 / 30	29 / 30
	5.1	Travel speed laden / unladen - Shift 1		km/h	9.5 / 9.5	9.5 / 9.5	9.5 / 9.5
	5.1.1	Travel speed, laden / unladen, backward - Shift 2		km/h	29 / 30	29 / 30	29 / 30
	5.1.1	Travel speed, laden / unladen, backward - Shift 1		km/h	9.5 / 9.5	9.5 / 9.5	9.5 / 9.5
	5.2	Lifting speed laden / unladen		m/s	430 / 460	430 / 460	430 / 460
	5.3	Lowering speed laden / unladen		m/s	500 / 400	500 / 400	500 / 400
	5.6	Maximum drawbar pull laden / unladen		N	65 / 37	65 / 37	65 / 37
	5.6.1	Drawbar pull laden / unladen, @ 1.6km/h		N	49 / 36	49 / 36	49 / 36
	5.6.2	Drawbar pull laden / unladen, @ 4.8km/h		N	28 / 26	28 / 26	28 / 26
	5.7	Gradeability laden / unladen, @ 1.6km/h		%	33 / 20	30 / 20	30 / 20
5.9	Acceleration time with / without load (S) 15m		s	6.07(S1) / 6.25(S2)	6.27(S1) / 6.45(S2)	6.47(S1) / 6.65(S2)	
5.9	Acceleration time with / without load (S) 15m		s	5.43(S1) / 4.83(S2)	5.63(S1) / 5.03(S2)	5.83(S1) / 5.23(S2)	
5.10	Service brake			hydraulic	hydraulic	hydraulic	
ENGINE	7.1	Engine manufacturer / type			Mitsubishi S6S-T	Mitsubishi S6S-T	Mitsubishi S6S-T
	7.2	Engine output, in accordance with ISO1585		Kw	63.9	63.9	63.9
	7.3	Governed speed		min-1	2300	2300	2300
	7.4	Number of cylinders/displacement		(-) / (cm ³)	6 / 4996	6 / 4.996	6 / 4.996
	7.5	Fuel consumption in accordance with VDI cycle		ℓ/h or kg/h	9.55	9.85	10.2
	7.6	Turnover output		t/h	320t/h	380t/h	435t/h
	7.7	Energy consumption at turnover output		ℓ/h or kg/h	9.56kg/h	9.86kg/h	10.46kg/h
8.1	Type of drive unit			E-Hydraulic	E-Hydraulic	E-Hydraulic	
ADDITIONAL DATA	10.1	Operating pressure for attachments		bar	19.5	19.5	19.5
	10.2	Oil volume for attachments		l/min	80	80	80
	10.3	Hydraulic oil tank, capacity		l	112	112	112
	10.4	Fuel tank, capacity		l	140	140	140
	10.7	Average noise level at operator's ear EN 12053		dB (A)	86	86	86
	10.7.1	Sound power level during the workcycle		dB (A)	107.2	107.2	107.2
10.8	Towing coupling, type DIN 15170			Pin	Pin	Pin	

MAST AND CAPACITY INFORMATION

MAST TYPE	Max. fork lift	Overall extended height						Free lift		Load distance	Mast tilt		Capacity 500mm load center Front dual tire		
		Lowered height		Without load backrest		With load backrest		Without load backrest	With load backrest		F	B	4.0t	4.5t	5.0t
		5.0 / 6.0t	7.0t	5.0 / 6.0t	7.0t	5.0 / 6.0t	7.0t	5.0 - 7.0t	5.0 - 7.0t						
		mm	mm	mm	mm	mm	mm	mm	mm		degrees	kg	kg	kg	
2-STAGE LFL	3000	2500	2625	3900	4000	4370	4370	205	205	590	10	12	5000	6000	7000
	3300	2650	2775	4200	4300	4670	4670	205	205	590	10	12	5000	6000	7000
	3500	2750	2875	4400	4500	4870	4870	205	205	590	10	12	5000	6000	7000
	3750	2875	3000	4650	4750	5120	5120	205	205	590	10	12	5000	6000	7000
	4000	3050	3175	4900	5000	5370	5370	205	205	590	10	12	5000	6000	7000
	4250	3175	3300	5150	5250	5620	5620	205	205	590	6	6	5000	6000	7000
	4750	3425	3550	5650	5750	6120	6120	205	205	590	6	6	5000	6000	7000
	5000	3550	3675	5900	6000	6370	6370	205	205	590	6	6	5000	6000	7000
	5500	3850	3975	6400	6500	6870	6870	205	205	590	3	6	4750	5700	6600
	6000	4100	4225	6900	7000	7370	7370	205	205	590	3	6	4400	5400	6400
2-STAGE FFL	3000	2625	2625	4050	4050	4370	4370	1555	1255	600	10	12	5000	6000	7000
	3300	2775	2775	4350	4350	4670	4670	1705	1405	600	10	12	5000	6000	7000
	3500	2875	2875	4550	4550	4870	4870	1805	1505	600	10	12	5000	6000	7000
	3750	3000	3000	4800	4800	5120	5120	1930	1630	600	10	12	5000	6000	7000
	4000	3175	3175	5050	5050	5370	5370	2105	1805	600	10	12	5000	6000	7000
3-STAGE FFL	4000	2505	2505	5000	5000	5420	5420	1395	1130	635	6	6	4500	5500	6400
	4350	2630	2630	5350	5350	5720	5720	1520	1255	635	6	6	4500	5500	6400
	4500	2680	2680	5500	5500	5920	5920	1570	1305	635	6	6	4500	5500	6400
	4800	2780	2780	5800	5800	6170	6170	1670	1405	635	6	6	4500	5500	6300
	5000	2880	2880	6000	6000	6370	6370	1770	1505	635	6	6	4500	5500	6300
	5400	3005	3005	6400	6400	6770	6770	1895	1630	635	3	6	4300	5300	6100
	6000	3305	3305	7000	7000	7370	7370	2196	1930	635	3	6	4000	5000	5500
	6500	3530	3530	7500	7500	7920	7920	2420	2155	635	3	6	3500	4200	4700

Capacities are with standard carriage.

ENGINE SPECIFICATION	Mitsubishi 5.0L, Diesel
	6-cylinder overhead valve
	Displacement 4.996 liter
	Torque 293Nm @ 1,700rpm
	Power 63.9kW @ 2,300rpm
	Air filtration two-stage, dry type
	IDI fuel injection system

NOTICE:

Care must be exercised when handling elevated loads. 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.

Specification data is based on VDI 2198.

HYSTER® UT Series trucks feature a comprehensive range of standard equipment, with a number of options available to suit the specific needs of your application, including:

- Pneumatic-shaped solid tires
- Various fork lengths
- Integral sideshift
- Rear, LED work light
- Strobe light
- Backup alarm
- High air intake with pre-cleaner
- Tilt cylinder boots
- Various mast heights
- Polycarbonate top screen
- Front window with wiper

Please refer to the price list for full option configurations.



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