WWW.HYSTER.COM



INTERNAL COMBUSTION COUNTERBALANCED FORKLIFT

PRODUCT BROCHURE

H5.0-7.0UT6



1 HIGH STRENGTH OHG

The overhead guard features profiled steel to enhance operator protection.

2 FULL SUSPENSION SEAT

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

3 LOW STEP HEIGHT

Convenient step placing to suit a variety of 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 comfort and truck productivity.

5 SMALL STEERING WHEEL

The adjustable steering wheel is convenient for the operator as it provides 8 degrees of adjustment. Allowing for good manoeuvrability when working in confined spaces.

6 INDUSTRIAL ENGINE

The UT Mitsubishi engine provides reliability and ease for sourcing 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 5,000 - 7,000kg. IC counterbalance, pneumatic tyre forklift trucks, available in three different capacities (lift and load centre):

5000KG – H5.0UT6 6000KG – H6.0UT6 7000KG – H7.0UT6

Each model is available with diesel and LPG 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 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 costeffective replacement parts helps to reduce service and maintenance requirements and costs.

Safety and stability

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

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

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

Environmental protection

- Noise isolation material
- Environmentally-aware design

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



Spacious footwell

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



Transmission and drive axle

- Heavy duty and robust Powershift transmission with two forward gears and one reverse
- Durable and long life Drive Axle



Small diameter steering wheel with adjustable steer column

- The 300mm diameter steering wheel is easy to manipulate, responsive, and ensures 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 enhances reliability and operator protection



Large access area for service and repairs

 Large access space to engine compartment makes service and repairs easy



Suspension seat

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





Good through-mast visibility

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

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

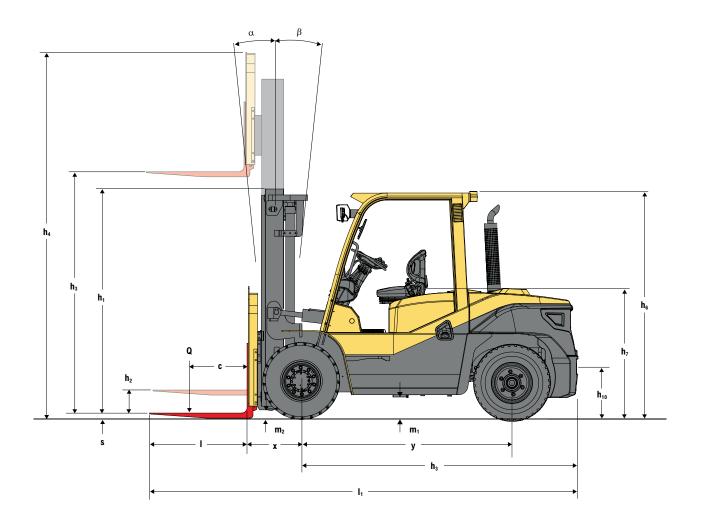
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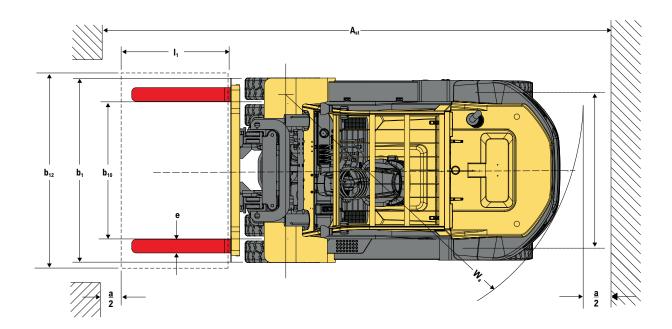
Hyster[®] UT Series trucks feature a comprehensive range of standard equipment, with a number of options available to suit the specific needs of your application, including:

- Pneumatic-shaped solid tyres
- 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 NOVO or your local Hyster dealer for full option configurations.

DIMENSIONS





H5.0UT6 SPECIFICATIONS

¥	1.1	Manufacturer			Hyster					
DISTINGUISHING MARK	1.2	Model designation		H5.0UT6						
G	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	5					
HIN	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seat						
SUIS	1.5	Rated capacity/rated load	(kg)		5000					
NIL	1.6	Load centre distance	(mm)		600					
DIS.	1.8	Load distance, centre of drive axle to fork	(mm)		590					
	1.9	Wheelbase (with mast vertical)	(mm)		2300					
WEIGHT	2.1	Service weight	(kg)		8360					
VEI	2.2	Axle loading, laden front/rear	(kg)		12090/1270					
	3.1	Axle loading, unladen front/rear	(kg)		3840/4520 Pneumatic					
LYRES, CHASSIS	3.1	Tyres: Solid rubber, superelastic, pneumatic, polyurethane Tyre size, front			8.25-15-14PR					
HAS	3.3	Tyre size, rear			8.25-15-14PR					
C, C	3.5	wheels, number front/rear		4x2						
'RE\$	3.6	Tread, front	(mm)	1489						
L _	3.7	Tread, rear	(mm)	1700						
	4.1	Tilt of mast/fork carriage, forward /backward	α /β (°)		10/12					
	4.2	Height, mast lowered	(mm)		2500					
	4.3	Free lift	(mm)		205					
	4.4	Lift	(mm)		3000					
	4.5	Height, mast extended	(mm)		4425					
	4.7	Height of overhead guard (cabin)	(mm)		2450					
	4.8	Seat height/stand height	(mm)		1400					
	4.12	Towing coupling height	(mm)		345					
	4.19	Overall length	(mm)		4715					
SNC	4.20	Length to face of forks	(mm)		3495					
NSIG	4.21	Overall width, std/dual	(mm)		2020					
DIMENSIONS	4.22	Fork dimensions ISO2331	(mm)		65/150/1220					
	4.23	Fork carriage ISO 2328. Class/type, A/B			ISO 4A					
	4.24	Fork carriage width	(mm)		1845					
	4.31	Ground clearance, laden, below mast Ground clearance, centre of wheelbase	(mm)		200					
	4.32	Load dimension b 12*/6 crossways	(mm)		230 1000x1000					
	4.33	Aisle width with predetermined load dimensions	(mm)		5260					
	4.34.1	Aisle width with pallets 1000 mm x 1200 mm crossways	(mm)		5260					
	4.34.2	Aisle width with pallets 800 mm x 1200 mm crossways	(mm)		5260					
	4.35	Turning radius	(mm)		3250					
	4.36	Internal turning radius	b13							
	5.1	Travel speed, laden/unladen	km/h	Shift 2: 29/30 Shift 1: 9.5/9.5	Shift 2: 24/25 Shift 1: 9/9	Shift 2: 30/31 Shift 1: 9/9				
DATA	5.1.1	Travel speed, laden/unladen, backwards	km/h	Shift 2: 29/30 Shift 1: 9.5/9.5	Shift 2: 24/25 Shift 1: 9/9	Shift 2: 30/31 Shift 1: 9/9				
	5.2	Lifting speed, laden/unladen	mm/s	430/460	350/440	440/460				
PERFORMANC	5.3	Lowering speed laden/unladen	mm/s		500/400					
DRN	5.6	Max. drawbar pull laden/unladen	Ν	65000/37000	61000/36000	66000/41000				
iRFO	5.7	Gradeability, laden/unladen	%	33/20	30/20	24/20				
B	5.9	Acceleration time, laden/unladen	sec	With load: 6.07(S1)/6.25(S2) Without load: 5.43(S1)/4.83(S2)	TBC					
	5.10	Service brake			Hydraulic					
	7.1	Engine manufacturer/type		Mitsubishi S6S-T	Kubota V3800-CR-TE5CB-HYM-1	Kubota WG3800-L-C				
Ψ	7.2	Engine power according to DIN ISO 1585	Kw	63.9	55.4	63.2				
NGI	7.3	Rated speed	min-1	2300	2200	2400				
COMBUSTION-ENGINE	7.4	Number of cylinders/displacement	-/cm3	6/4996	4/3769					
TIO	7.5	Fuel consumption according to VDI cycle	l/h or kg/h	11.37 l/h / 9.55 kg/h	TBC					
BUS	7.6	Turnover output	t/h	320 t/h	TBC TBC					
MO	7.7	Energy consumption at turnover output	l/h or kg/h	11.39 l/h / 9.56 kg/h						
0	7.8 7.9	Generator	A V	50 24						
	7.9	Vehicle electrical system voltage Battery voltage/nominal capacity	V V/Ah	24						
	8.1	Type of drive unit	V/AII	2-12/30	12/120 E-Hydraulic					
TA	10.1	Operating pressure for attachments	bar							
DA	10.1	Oil volume for attachments	l/min	195 80						
ADDITIONAL DATA	10.2	Fuel tank capacity	L	140						
Ц	10.7	Sound pressure level at the driver's seat	dB (A)	86	83					
DD	10.7.1	Sound power level during the workcycle	dB (A)	107.2	81.4 98.3	102				
	10.8	Towing coupling, type DIN			PIN					

H6.0UT6 SPECIFICATIONS

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4.2 Height, mast lowend (mm) 2500 4.3 Fee lift (mm) 3000				. ,							
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4.31 Ground clearance, laden, below mast (mm) 200 4.32 Ground clearance, centre of wheelbase (mm) 230 4.32 Ground clearance, centre of wheelbase (mm) 230 4.34 Aisle width with predetermined load dimensions (mm) 5310 4.34 Aisle width with pallets 1000 mm crossways (mm) 5310 4.34.1 Aisle width with pallets 1000 mm crossways (mm) 3300 4.35.1 Aisle width with pallets 1000 mm crossways (mm) 3300 4.35.1 Turning radius b13 1105 5.1 Travel speed, laden/unladen km/h Shift 2: 29/30 Shift 2: 24/25 Shift 1: 9/9	DIM			~ /							
4.32 Ground clearance, centre of wheelbase (mm) 230 4.33 Load dimension b 12*/6 crossways 1000x1000 4.34 Laid dimension b 12*/6 crossways 1000x1000 4.34 Aisle width with palets 1000 mm x 1200 mm crossways (mm) 5310 4.34.2 Aisle width with palets 800 mm x 1200 mm crossways (mm) 3300 4.35 Turning radius (mm) 3300 4.36 Internal turning radius b13 1105 5.11 Travel speed, laden/unladen km/h Shift 2: 29/30 Shift 2: 24/25 Shift 2: 30/3 5.11 Travel speed, laden/unladen mm/s Shift 1: 9.59.5 Shift 1: 9.9 Shift 1: 9.9 5.2 Lifting speed, laden/unladen mm/s 6500/37000 61000/36000 66000/4100 5.3 Lowering speed laden/unladen M 6500/37000 61000/36000 66000/4100 5.70 Gradeability, laden/unladen % 30/20 26/20 20/20 5.71 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1		4.24		(mm)							
4.33 Load dimension b 12*/6 crossways (mm) 5310 4.34 Alske width with padlets 1000 mm x 1200 mm crossways (mm) 5310 4.34.1 Alske width with padlets 1000 mm x 1200 mm crossways (mm) 5310 4.35 Turning radius (mm) 3300 4.36 Internal turning radius b13 1105 5.1 Travel speed, laden/unladen km/h Shift 2: 29/30 Shift 2: 24/25 Shift 1: 90 5.1.1 Travel speed, laden/unladen km/h Shift 2: 99/30 Shift 2: 24/25 Shift 1: 90 5.1.1 Travel speed, laden/unladen mm/s 430/460 350/400 440/460 5.2 Lifting speed, laden/unladen mm/s 430/460 350/400 440/460 5.3.1 Covering speed laden/unladen mm/s 500/400 66000/100 66000/100 5.4 Ga320 Sinft 2: 91/20 20/20 20/20 20/20 5.4 Ga320 Sinft 1: 90 Shift 1: 90 90 66000/1400 66000/1400 600/03/6000 66000/1400 60/0400 50/400 40/460 50/400 50/400 <td></td> <td>4.31</td> <td>Ground clearance, laden, below mast</td> <td>(mm)</td> <td></td> <td colspan="6"></td>		4.31	Ground clearance, laden, below mast	(mm)							
4.34 Aisle width with predetermined oad dimensions (mm) 5310 4.34.1 Aisle width with pallets 1000 mm x 1200 mm crossways (mm) 5310 4.34.2 Aisle width with pallets 800 mm x 1200 mm crossways (mm) 3300 4.35 Turning radius (mm) 3300 4.36 Internal turning radius b13 1105 5.1 Travel speed, laden/unladen, backwards km/h Shift 2: 29/30 Shift 2: 24/25 Shift 1: 9/9 Shift 1: 9/9 5.1.1 Travel speed, laden/unladen, backwards km/h Shift 1: 9/3 Shift 1: 9/9		4.32	Ground clearance, centre of wheelbase	(mm)							
4.34.1 Aisle width with pallets 1000 mm x 1200 mm crossways (mm) 5310 4.34.2 Aisle width with pallets 800 mm x 1200 mm crossways (mm) 3300 4.35 Turning radius b13											
4.34.2 Aisle width with pallets 800 mm x 1200 mm crossways (mm) 3300 4.35 Turning radius (mm) 3300 4.36 Internal turning radius b13 1105 5.1 Travel speed, laden/unladen km/h Shift 2: 24/25 Shift 2: 30/3 5.1.1 Travel speed, laden/unladen km/h Shift 1: 9.5/9.5 Shift 1: 9.99 Shift 2: 30/3 5.1.1 Travel speed, laden/unladen km/h Shift 1: 9.5/9.5 Shift 1: 9.99 Shift 1: 9.09 5.2 Lifting speed, laden/unladen mm/s 430/460 350/440 440/460 5.3 Lowering speed laden/unladen mm/s 65000/37000 61000/36000 66000/4100 5.6 Max. drawbar pull laden/unladen % 30/20 26/20 20/20 5.10 Service brake With load: 6.27(S1)/6.45(S2) TBC Witkosi 4.300 4.300-L- 7.1 Engine manufacturer/type Mitsubishi S68-T Kubota V3800-CR-TE5CB-HYM-1 WG3800-L- 7.2 Engine power according to DIN IS0 1585 Kw 6.3.9											
4.35 Turning radius (mm) 3300 4.36 Internal turning radius b13 1105 5.1 Travel speed, laden/unladen km/h Shift 2: 29/30 Shift 1: 9/9 Shift 2: 24/25 Shift 1: 9/9 Shift 2: 30/3 Shift 1: 9/9 5.1.1 Travel speed, laden/unladen, backwards km/h Shift 2: 24/30 Shift 1: 9/9 Shift 1: 9/9 Shift 1: 9/9 5.1.1 Travel speed, laden/unladen mm/s 430/400 350/440 440/460 5.2 Lifting speed, laden/unladen mm/s 500/400 61000/36000 66000/4100 5.3 Lowering speed laden/unladen mm/s 30/20 26/20 20/20 5.4 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.4 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.5 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.4 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.10 Service brake <td< td=""><td></td><td></td><td></td><td></td><td></td><td colspan="6"></td></td<>											
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5.1 Travel speed, laden/unladen km/h Shift 2: 29/30 Shift 1: 9.59.5 Shift 1: 24/25 Shift 1: 9/9 Shift 1: 9/9 Shift 1: 9/9 5.1.1 Travel speed, laden/unladen, backwards km/h Shift 2: 29/30 Shift 2: 29/30 Shift 2: 24/25 Shift 2: 24/25 Shift 2: 24/25 Shift 1: 9/9 5.2 Lifting speed, laden/unladen mm/s 430/460 350/440 440/460 5.3 Lowering speed laden/unladen mm/s 430/460 350/440 440/460 5.4 Max. drawbar pull laden/unladen mm/s 30/20 26/20 20/20 5.7 Gradeability, laden/unladen % 30/20 26/20 20/20 5.9 Acceleration time, laden/unladen sec With load: 6.27(S1)/6.45(S2) TBC 5.10 Service brake Hydraulic Witage Witage 7.1 Engine power according to DIN ISO 1585 Kw 63.9 55.4 63.2 7.3 Rated speed min-1 2300 2200 2400 7.5 Fuel consumption according to VDI cycle I/h or			6								
Vert Shift 1: 9.59.5 Shift 1: 9.9.5 Shift 1: 9.9.5 Shift 1: 9.9 Shift 1: 9.9 5.1.1 Travel speed, laden/unladen, backwards km/h Shift 2: 29/30 Shift 2: 24/25 Shift 2: 39/30 Shift 1: 9.9 Shift 1:					Shift 2: 29/30	Shift 2: 30/31					
S.1.1 Travel speed, laden/unladen, backwards km/n Shift 1: 9.5/9.5 Shift 1: 9/9 Shift 1: 0/9 Shift 1: 9/9 <t< td=""><td></td><td>5.1</td><td>Travel speed, laden/unladen</td><td>km/n</td><td>Shift 1: 9.5/9.5</td><td>Shift 1: 9/9</td><td>Shift 1: 9/9</td></t<>		5.1	Travel speed, laden/unladen	km/n	Shift 1: 9.5/9.5	Shift 1: 9/9	Shift 1: 9/9				
5.2 Lifting speed, laden/unladen mm/s 430/460 350/440 440/460 5.3 Lowering speed laden/unladen mm/s 500/400 60000/4100 5.6 Max. drawbar pull laden/unladen N 6500/37000 61000/36000 60000/4100 5.7 Gradeability, laden/unladen % 30/20 26/20 20/20 5.9 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.10 Service brake Kubota: 5.63(S1)/5.03(S2) TBC Kubota 7.1 Engine manufacturer/lype Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota 7.2 Engine power according to DIN ISO 1585 Kw 63.9 55.4 63.2 7.3 Rated speed min-1 2300 2200 2400 7.4 Number of cylinders/displacement -/om3 6/4996 4/3769 -/om3 7.6 Turnover output t/h or kg/h 11.74 l/h / 9.85 kg/h TBC -/om3 7.8 Generator <	١TA	5.1.1	Travel speed, laden/unladen, backwards	km/h			Shift 2: 30/31				
0.2 Linking Speed, lader/unladerit Imm/s 440/400 500/400 500/400 500/400 60000/4100 5.3 Lowering speed lader/unladen N 65000/37000 61000/36000 66000/4100 5.6 Max. drawbar pull laden/unladen N 65000/37000 61000/36000 66000/4100 5.7 Gradeability, lader/unladen % 30/20 26/20 20/20 5.9 Acceleration time, laden/unladen % 30/20 26/20 20/20 5.10 Service brake	ΕD¢			mm/o							
5.9 Acceleration time, laden/unladen sec With out. 0.2/(01)(0.4002) TBC 5.10 Service brake Image: Sec with out. 0.2/(01)(0.4002) Hydraulic 7.1 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota W3800-L-WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW					430/400		440/400				
5.9 Acceleration time, laden/unladen sec With out. 0.2/(01)(0.4002) TBC 5.10 Service brake Image: Sec with out. 0.2/(01)(0.4002) Hydraulic 7.1 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota W3800-L-WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	RM/				65000/37000		66000/41000				
5.9 Acceleration time, laden/unladen sec With out. 0.2/(01)(0.4002) TBC 5.10 Service brake Image: Sec with out. 0.2/(01)(0.4002) Hydraulic 7.1 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota W3800-L-WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	RFO										
5.10 Service brake Mitsubishi S6S-T Hydraulic 7.1 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota V3800-L- WG3800-L- 7.2 Engine power according to DIN ISO 1585 Kw 63.9 55.4 63.2 7.3 Rated speed min-1 2300 2200 2400 7.4 Number of cylinders/displacement -/cm3 6/4996 4/3769 2400 7.6 Turnover output I/h rkg/h 11.74 I/h / 9.85 kg/h TBC 56 7.7 Energy consumption at turnover output I/h rkg/h 11.75 I/h / 9.86 kg/h TBC 57.6 7.8 Generator A 50 100 50 100 57.9 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 57.9 8.1 Type of drive unit Type of drive unit 50 50 50 50	PE				With load: 6.27(S1)/6.45(S2)						
7.1 Engine manufacturer/type Mitsubishi S6S-T Kubota V3800-CR-TE5CB-HYM-1 Kubota W3800-L-WWG380-L-WWG380-L-WWG3800-L-WWG380-L-WWG3800-L-WWG380-L-WWG380W4-L-WWG380-L				Sec	Without load: 5.63(S1)/5.03(S2)						
7.1 Engine manufacturer/type Mitsubishi S6S-1 Rubota V3800-CR-1ESCB-HYM-1 WG3800-LR- WG3800-LR-1ESCB-HYM-1 7.2 Engine power according to DIN ISO 1585 Kw 63.9 55.4 63.2 7.3 Rated speed min-1 2300 2200 2400 7.4 Number of cylinders/displacement -/cm3 6/4996 4/3769 2400 7.4 Number of cylinders/displacement -/cm3 6/4996 4/3769 2400 7.5 Fuel consumption according to VDI cycle I/h or kg/h 11.74 I/h / 9.85 kg/h TBC 11.75 I/h 9.86 kg/h TBC 7.6 Turnover output I/h or kg/h 11.75 I/h 9.86 kg/h TBC 100 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 11.75 I/h 9.86 kg/h 100 11.75 I/h 9.86 kg/h 11.75 I/h 9.86 kg/h 12 12 12 12 12 12 12 12 12 12 12 12 12		5.10	Service brake			Hydraulic					
7.2 Engine power according to DIN ISO 1585 Kw 63.9 55.4 63.2 7.3 Rated speed min-1 2300 2200 2400 7.4 Number of cylinders/displacement -/cm3 6/4996 4/3769 7.5 Fuel consumption according to VDI cycle I/h or kg/h 11.74 I/h / 9.85 kg/h TBC 7.6 Turnover output I/h or kg/h 11.75 I/h / 9.86 kg/h TBC 7.7 Energy consumption at turnover output I/h or kg/h 11.75 I/h / 9.86 kg/h TBC 7.8 Generator A 50 100 7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120		7.1	Engine manufacturer/type		Mitsubishi S6S-T	Kubota V3800-CR-TE5CB-HYM-1					
7.3Rated speedmin-12300220024007.4Number of cylinders/displacement-/cm36/49964/37697.5Fuel consumption according to VDI cycleI/h or kg/h11.74 I/h / 9.85 kg/hTBC7.6Turnover outputt/h380 t/hTBC7.7Energy consumption at turnover outputI/h or kg/h11.75 I/h / 9.86 kg/hTBC7.8GeneratorA501007.9Vehicle electrical system voltageV24127.10Battery voltage/nominal capacityV/Ah2-12/9012/1208.1Type of drive unitType of drive unitE-Hydraulic		7.2	Engine power according to DIN ISO 1585	Kw	63.9	55.4					
7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic	GIN										
7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic	-EN										
7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic	NOL	7.5	Fuel consumption according to VDI cycle	l/h or kg/h	11.74 l/h / 9.85 kg/h						
7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic	SUS										
7.9 Vehicle electrical system voltage V 24 12 7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic	OME			_	-						
7.10 Battery voltage/nominal capacity V/Ah 2-12/90 12/120 8.1 Type of drive unit E-Hydraulic E-Hydraulic	<u>ບ</u>										
8.1 Type of drive unit E-Hydraulic											
Visit of diversing Derivative diversing 10.1 Operating pressure for attachments bar 195 10.2 Oil volume for attachments I/min 80 10.4 Evel tank capacity I 140				v/An	2-12/90						
10.2 Oil volume for attachments I/min 80 10.4 Fuel tank capacity I 140	TA			har							
Example 10.4 Fuel tank capacity	DA										
	NAL	10.2	Fuel tank capacity	L							
Image: Sound pressure level at the driver's seat dB (A) 86 81.4 83	DITI			dB (A)	86		83				
Image: Provide work of the strength of the strenge strength of the strength of the strength of the stre	ADD	10.7.1			107.2	98.3	102				
10.8 Towing coupling, type DIN PIN		10.8	Towing coupling, type DIN			PIN					

H7.0UT6 SPECIFICATIONS

¥	1.1	Manufacturer			Hyster				
IAR	1.2	Model designation			H7.0UT6	1.00			
GN	1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas		Diesel	Diesel Stage V	LPG			
DISTINGUISHING MARK	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			Seat				
ŝ	1.5	Rated capacity/rated load	(kg)		7000				
TIN	1.6	Load centre distance	(mm)		600				
DIS	1.8	Load distance, centre of drive axle to fork	(mm)		590				
	1.9	Wheelbase (with mast vertical)	(mm)	2300					
ΗT	2.1	Service weight	(kg)	9650					
WEIGHT	2.2	Axle loading, laden front/rear	(kg)		14900/1750				
8	2.3	Axle loading, unladen front/rear	(kg)		4050/5600				
	3.1	Tyres: Solid rubber, superelastic, pneumatic,			Pneumatic				
SSIS	3.2	polyurethane			8.25-15-14PR				
HA	3.2	Tyre size, front Tyre size, rear			8.25-15-14PR				
S, C	3.5	wheels, number front/rear							
TYRES, CHASSIS	3.6	Tread, front	(mm)		4x2 1489				
í	3.7	Tread, rear	(mm)		1700				
	4.1	Tilt of mast/fork carriage, forward /backward	α /β (°)		10/12				
	4.2	Height, mast lowered	(mm)		2625				
	4.3	Free lift	(mm)		205				
	4.4	Lift	(mm)		3000				
	4.5	Height, mast extended	(mm)		4425				
	4.7	Height of overhead guard (cabin)	(mm)		2450				
	4.8	Seat height/stand height	(mm)		1400				
	4.12	Towing coupling height	(mm)		345				
	4.19	Overall length	(mm)		4830				
DIMENSIONS	4.20	Length to face of forks	(mm)		3610				
NSI	4.21	Overall width, std/dual	(mm)		2020 65/150/1220				
ME	4.22	Fork dimensions ISO2331	(mm)						
D	4.23	Fork carriage ISO 2328. Class/type, A/B	(ISO 4A				
	4.24 4.31	Fork carriage width Ground clearance, laden, below mast	(mm)		1845 200				
	4.31	Ground clearance, centre of wheelbase	(mm) (mm)		200				
		Load dimension b 12*/6 crossways	(1111)		1000x1000				
		Aisle width with predetermined load dimensions	(mm)		5370				
		Aisle width with pallets 1000 mm x 1200 mm crossways	(mm)		5370				
		Aisle width with pallets 800 mm x 1200 mm crossways	(mm)		5370				
		Turning radius	(mm)	3360					
	4.36	Internal turning radius	b13		1105				
	5.1	Travel speed, laden/unladen	km/h	Shift 2: 29/30	Shift 2: 24/25	Shift 2: 30/31			
			KIII/II	Shift 1: 9.5/9.5	Shift 1: 9/9	Shift 1: 9/9			
ATA	5.1.1	Travel speed, laden/unladen, backwards	km/h	Shift 2: 29/30 Shift 1: 9.5/9.5	Shift 2: 24/25 Shift 1: 9/9	Shift 2: 30/31 Shift 1: 9/9			
ΈD	5.2	Lifting speed, laden/unladen	mm/s	430/460	350/440	440/460			
ANG	5.3	Lowering speed laden/unladen	mm/s		500/400				
RM.	5.6	Max. drawbar pull laden/unladen	N	65000/37000	61000/36000	66000/41000			
PERFORMANCE DA	5.7	Gradeability, laden/unladen	%	30/20	23/20	20/20			
PE	5.9	Acceleration time, laden/unladen	sec	With load: 6.47(S1)/6.65(S2)	With load: 6.47(S1)/6.17(S2)	With load: 6.86(S1)/4.9(S2)			
			000	Without load: 5.83(S1)/5.23(S2)	Without load: 5.83(S1)/5.23(S2)	Without load: 6.7(S1)/5.0(S2)			
	5.10	Service brake		Mitaubiahi 000 T	Hydraulic	Kubata W02000 L. C			
	7.1	Engine manufacturer/type	Ku	Mitsubishi S6S-T	Kubota V3800-CR-TE5CB-HYM-1	Kubota WG3800-L-C			
빌	7.2	Engine power according to DIN ISO 1585 Rated speed	Kw min-1	63.9 2300	55.4 2200	63.2 2400			
COMBUSTION-ENGINE	7.3	Number of cylinders/displacement	-/cm3	6/4996	4/376				
N-E	7.5	Fuel consumption according to VDI cycle	l/h or kg/h	12.16 l/h / 10.2 kg/h	9.97 l/h / 8.36 kg/h	6.3 kg/h			
\$TI0	7.6	Turnover output	t/h	435t/h	442 t/h	420 t/h			
BUS	7.7	Energy consumption at turnover output	l/h or kg/h	12.47 l/h / 10.46 kg/h	Waiting for the test	7.2 kg/h			
NO:	7.8	Generator	A	50	100	-			
	7.9	Vehicle electrical system voltage	V	24	12				
	7.10	Battery voltage/nominal capacity	V/Ah	2-12/90	12/12	0			
	8.1	Type of drive unit			E-Hydraulic				
ATA	10.1	Operating pressure for attachments	bar		195				
ADDITIONAL DATA	10.2	Oil volume for attachments	l/min						
0N/	10.4	Fuel tank capacity	L		140				
DITI	10.7	Sound pressure level at the driver's seat	dB (A)	86	81.4	83			
AD	10.7.1	Sound power level during the workcycle	dB (A)	107.2	98.3	102			
	10.8	Towing coupling, type DIN			PIN				

MAST AND CAPACITY INFORMATION

	Max. fork	Overall extended height					Free lift		Load						
Mast type		rk height						Without load backrest	With load backrest	distance	Mast tilt		Capacity 600mm load centre Front dual tyre		
type	lift	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	5.0-7.0T	F	В	5.0T	6.0T	7.0T
		mm	mm	mm	mm	mm	mm	mm	mm	mm	(o)	(0)	kg	kg	kg
	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
2-stage	4000	3050	3175	4900	5000	5370	5370	205	205	590	10	12	5000	6000	7000
2-stage LFL	4250	3175	3300	5150	5250	5620	5620	205	205	590	6	6	5000	6000	7000
	4500	3300	3425	5475	5600	5925	5925	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
	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
2-stage FFL	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
	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
3-stage	4800	2780	2780	5800	5800	6170	6170	1670	1405	635	6	6	4500	5500	6300
FFL	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.

	MITSUBISHI 5.0L, DIESEL	KUBOTA 3.8L LPG	KUBOTA 3.8L DIESEL			
TION	6 Cylinder overhead valve	4 Cylinder overhead valve	4 Cylinder overhead valve			
SPECIFICATION	Displacement 4.996 litre	Displacement 3.769 litre	Displacement 3.769 litre			
PECI	Torque 293Nm @ 1,700rpm	Torque 300Nm @ 1,200rpm	Torque 308Nm @ 1,500rpm			
NE S	Power 63.9kW @ 2,300rpm	Power 63.2kW @ 2,400rpm	Power 55.4kW @ 2,200rpm			
ENGINE	Air filtration two-stage, dry type	Air filtration two-stage, dry type	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.

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