



UX SERIES

SPEC SHEET

GP40-50UX
Internal Combustion
Counterbalanced
Forklift

4,000 - 5,000kg

GP40-50UX

Features

The Yale® UX Series provides the ideal solution to meet your less frequent usage, without compromising on performance and durability.

MODEL RANGE [→](#)

The range consists of 4,000 - 5,000kg. IC counterbalance, pneumatic tyre forklift trucks, available in three different capacities (Lift and Load Centre):

4,000kg - GP40UX 4,500kg - GP45UX 5,000kg - GP50UX 5,000kg - GP50UXS6

Each model is available with diesel, LPG, or dual fuel 2 speed forward/1 reverse powershift transmission, with front-end equipment options to suit varying applications.

EASY TO OPERATE

The ergonomically designed operator's compartment, with a familiar automotive layout, means that drivers will be able to work comfortably. A range of standard features and options help the truck to be 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, with efficient filtration and excellent cooling contributes to reliable operations and lower wear and tear. This, together with the fast availability of cost-effective replacement parts reduces maintenance requirements and cost.

ERGONOMICS

The ergonomically designed operator compartment offers an automotive-style layout to promote operator comfort and familiarity. Tailor the truck for your application with a range of standard features and options, including an informative, 3.5-inch LCD display, generous foot space in operator compartment, dual suspension system, hand parking brake lever with button greatly reducing fatigue in operation, and a small diameter steering wheel with adjustable steering column.

SAFETY AND STABILITY

The wide view mast offers significant front field of view thus minimizing blind spots and increasing operator awareness. A high-strength, overhead guard is designed for visibility. The hand lever parking brake requires low effort and helps reduce fatigue and keep operators fresh all shift long, while the low centre of gravity to help promote stability.

EASY MAINTENANCE

You need a lift truck solution you can count on. The UX series is designed for easy serviceability, helping minimize time out of service and offer availability when you need it. Offering a large access area for service and repairs, simple components and computer-based diagnostics are not required.

RELIABILITY AND EXCHANGEABILITY

Robust components and a simple design help deliver the reliability and parts availability you expect from the Yale brand, with high-strength, triplex plate OHG and exchangeable components across 4,000 and 5,000-pound capacity models.





1 HIGH STRENGTH OHG

The overhead guard features profiled steel with high strength glass to enhance reliability and operator protection..

2 SUSPENSION SEAT

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

3 WIDE VIEW MAST

The wide mast features an outside width of 720mm. It can significantly improve the driver's front field of view while increasing the safety and comfort of operating the truck.

4 LOW STEP DRIVER HEIGHT

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

5 SMALL STEERING WHEEL

The adjustable steering wheel is convenient for the operator as it provides 8 degrees of adjustment. It is also easy to navigate when working in narrow spaces.

6 JAPANESE ENGINE

The UX Japanese engine provides reliability and ease for sourcing replacement parts.

Engineered for drivers with comfort, safety & ergonomics



YALE DISPLAY WITH 3.5" LCD

- The Yale UX 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



DUAL SUSPENSION SYSTEM

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



LARGE ACCESS AREA FOR SERVICE AND REPAIRS

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



SUSPENSION SEAT

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



IMPROVED LIFTING SPEED

- Competitive lifting speeds reduces cycle time and increases productivity



HIGH STRENGTH OVERHEAD GUARD

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



GOOD THROUGH-MAST VISIBILITY

- The wide view mast with an outside width of 720mm, significantly improves the driver's front field of view, reduces blind spots, and increases the safety and comfort of the operation



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



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

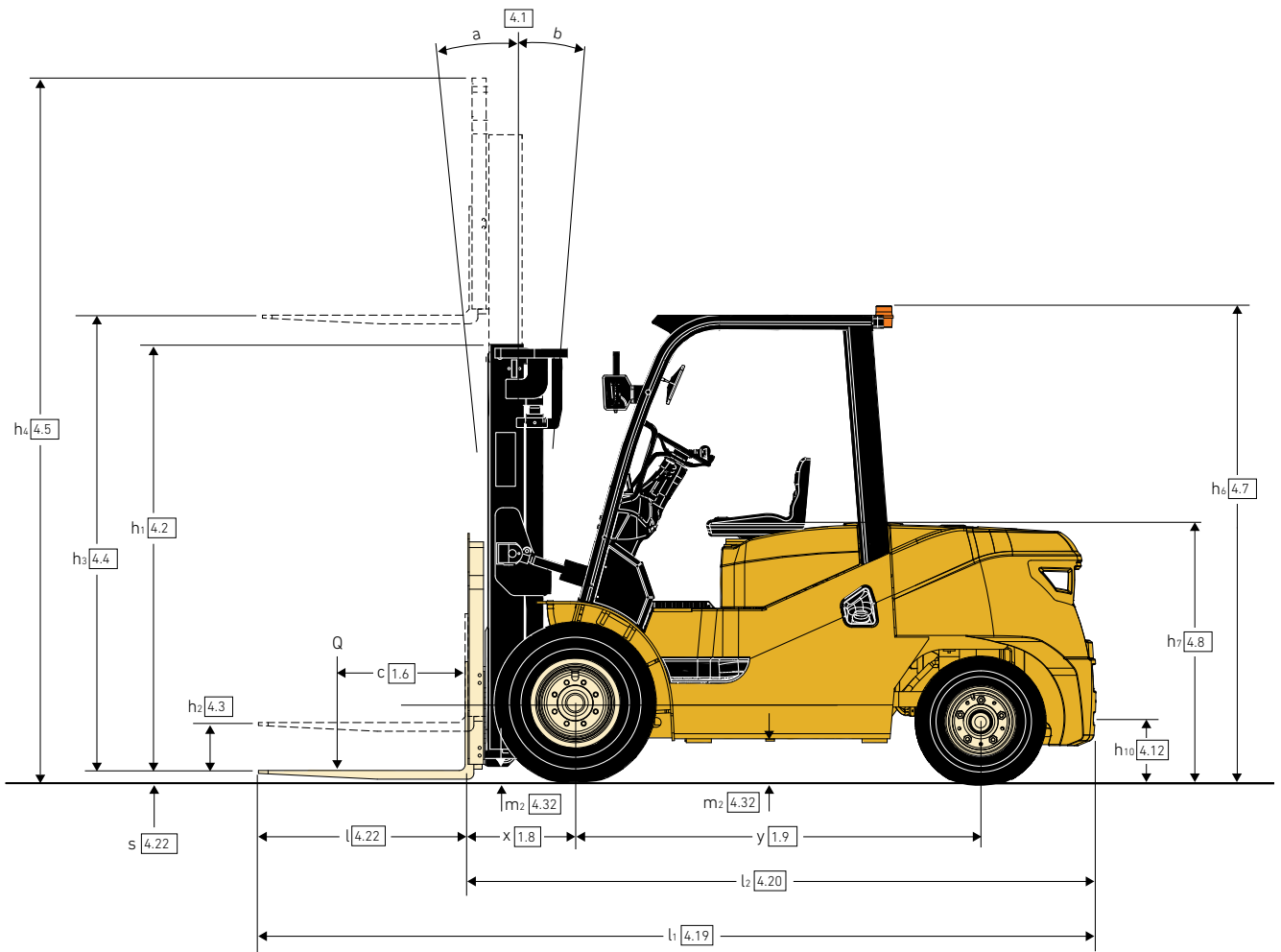
GP40-50UX OPTIONS

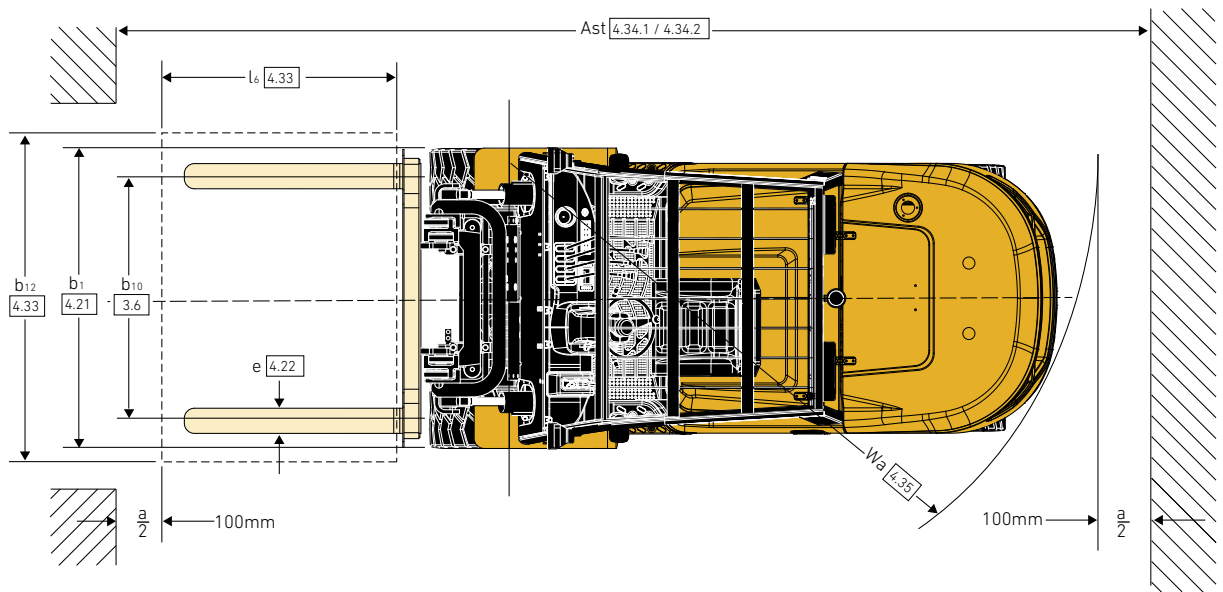
Yale UX Series trucks feature a comprehensive range of standard equipment, with a number of options available to suit the specific needs of your application, including:

- 4th Function hydraulics (+clamping function)
- 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
- Alternate tilt angles

Please refer to the Price List for full option configurations.







GDP40-50UX MAST DETAILS AND CAPACITY RATINGS (KG) - SUPERELASTIC TYRES

| Mast Specs. | Max. Fork Lift | Overall Extended Height | | | | | | Free Lift | | | | Load Distance | | Mast Tilt | | Capacity 500mm Load Centre Front Single Tyre | | | Mast Weight |
|---|----------------|-------------------------|------|-----------------------|------|--------------------|------|-----------------------|------|--------------------|------|---------------|------|-----------|-----|--|------|------|-------------|
| | | Lowered Height | | Without Load Backrest | | With Load Backrest | | Without Load Backrest | | With Load Backrest | | 4.0 - 4.5t | 5.0t | F | B | 4.0t | 4.5t | 5.0t | 4.0-4.5t |
| | | 4.0 - 4.5t | 5.0t | 4.0 - 4.5t | 5.0t | 4.0 - 4.5t | 5.0t | 4.0 - 4.5t | 5.0t | 4.0 - 4.5t | 5.0t | | | | | | | | |
| | | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) | (°) | (°) | kg | kg | kg | kg |
| 2-STAGE LIMITED FREE-LIFT (LFL) MAST | | | | | | | | | | | | | | | | | | | |
| M300 | 3000 | 2250 | 2250 | 3850 | 3850 | 4260 | 4260 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 12 | 4000 | 4500 | 5000 | 1310 |
| M330 | 3300 | 2400 | 2400 | 4150 | 4150 | 4560 | 4560 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 12 | 4000 | 4500 | 5000 | 1335 |
| M350 | 3500 | 2500 | 2500 | 4350 | 4350 | 4760 | 4760 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 12 | 4000 | 4500 | 5000 | 1360 |
| M370 | 3700 | 2600 | 2600 | 4600 | 4600 | 5010 | 5010 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 12 | 4000 | 4500 | 5000 | 1370 |
| M400 | 4000 | 2800 | 2800 | 4850 | 4850 | 5260 | 5260 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 12 | 3800 | 4250 | 4750 | 1420 |
| M450 | 4500 | 3050 | 3050 | 5350 | 5350 | 5760 | 5760 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 6 | 3400 | 3800 | 4250 | 1490 |
| M500 | 5000 | 3300 | 3300 | 5850 | 5850 | 6260 | 6260 | 150 | 155 | 150 | 155 | 575 | 580 | 6 | 6 | 2800 | 3150 | 3500 | 1540 |
| M550 | 5500 | 3600 | 3600 | 6350 | 6350 | 6760 | 6760 | 150 | 155 | 150 | 155 | 575 | 580 | 3 | 6 | 2250 | 2800 | 2850 | 1630 |
| M600 | 6000 | 3850 | 3850 | 6850 | 6850 | 7260 | 7260 | 150 | 155 | 150 | 155 | 575 | 580 | 3 | 6 | 1950 | 2500 | 2550 | 1680 |
| 2-STAGE FULL FREE-LIFT (FFL) MAST | | | | | | | | | | | | | | | | | | | |
| M300 | 3000 | 2250 | 2250 | 3800 | 3800 | 4210 | 4210 | 1425 | 1425 | 1030 | 1425 | 585 | 590 | 6 | 12 | 4000 | 4500 | 5000 | 1420 |
| M330 | 3300 | 2400 | 2400 | 4100 | 4100 | 4510 | 4510 | 1575 | 1575 | 1180 | 1575 | 585 | 590 | 6 | 12 | 3960 | 4460 | 4960 | 1430 |
| M350 | 3500 | 2500 | 2500 | 4300 | 4300 | 4710 | 4710 | 1675 | 1675 | 1280 | 1675 | 585 | 590 | 6 | 12 | 3920 | 4420 | 4920 | 1470 |
| M375 | 3750 | 2600 | 2625 | 4550 | 4550 | 4960 | 4960 | 1800 | 1800 | 1405 | 1800 | 585 | 590 | 6 | 12 | 3850 | 4350 | 4850 | 1500 |
| M400 | 4000 | 2800 | 2800 | 4800 | 4800 | 5210 | 5210 | 1975 | 1975 | 1580 | 1975 | 585 | 590 | 6 | 12 | 3750 | 4250 | 4750 | 1540 |
| 3-STAGE FULL FREE-LIFT (FFL) MAST | | | | | | | | | | | | | | | | | | | |
| TFM400 | 4000 | 2110 | 2110 | 4860 | 4860 | 5260 | 5260 | 1270 | 1270 | 885 | 1270 | 630 | 635 | 6 | 6 | 3600 | 4000 | 4500 | 1760 |
| TFM435 | 4350 | 2235 | 2235 | 5210 | 5210 | 5610 | 5610 | 1395 | 1395 | 1010 | 1395 | 630 | 635 | 6 | 6 | 3400 | 3800 | 4250 | 1800 |
| TFM450 | 4500 | 2285 | 2285 | 5360 | 5360 | 5760 | 5760 | 1445 | 1445 | 1060 | 1445 | 630 | 635 | 6 | 6 | 3200 | 3600 | 4000 | 1820 |
| TFM480 | 4800 | 2385 | 2385 | 5660 | 5660 | 6060 | 6060 | 1545 | 1545 | 1160 | 1545 | 630 | 635 | 6 | 6 | 3000 | 3350 | 3750 | 1860 |
| TFM500 | 5000 | 2485 | 2485 | 5860 | 5860 | 6260 | 6260 | 1645 | 1645 | 1260 | 1645 | 630 | 635 | 6 | 6 | 2800 | 3150 | 3500 | 1900 |
| TFM540 | 5400 | 2610 | 2610 | 6260 | 6260 | 6660 | 6660 | 1770 | 1770 | 1380 | 1770 | 630 | 635 | 3 | 6 | 2250 | 2550 | 2850 | 1940 |
| TFM600 | 6000 | 2850 | 2850 | 6860 | 6860 | 7260 | 7260 | 2010 | 2010 | 1625 | 2010 | 630 | 635 | 3 | 6 | 1950 | 1950 | 2200 | 2090 |
| TFM650 | 6500 | 3050 | 3050 | 7360 | 7360 | 7760 | 7760 | 2210 | 2210 | 1825 | 2210 | 630 | 635 | 3 | 6 | 1500 | 1500 | 1700 | 2240 |

Capacities are with standard carriage.

GDP50UXS6 MAST DETAILS AND CAPACITY RATINGS (KG) - SUPERELASTIC TYRES

| Mast Specs. | Max. Fork Lift | Overall Extended Height | | | Free Lift | | Load Distance | Mast Tilt | | Capacity 600mm Load Centre | | Mast Weight |
|---|----------------|-------------------------|-----------------------|--------------------|-----------------------|--------------------|---------------|--------------------|------------------|----------------------------|------|-------------|
| | | Lowered Height | Without Load Backrest | With Load Backrest | Without Load Backrest | With Load Backrest | | Front Single Tyres | Front Dual Tyres | | | |
| | | 5t @ 600mm | 5t @ 600mm | 5t @ 600mm | 5t @ 600mm | 5t @ 600mm | | 5t @ 600mm | 5t @ 600mm | | | |
| | | (mm) | (mm) | (mm) | (mm) | (mm) | | (mm) | (mm) | F | B | |
| 2-STAGE LIMITED FREE-LIFT (LFL) MAST | | | | | | | | | | | | |
| M300 | 3000 | 2250 | 3855 | 4420 | 160 | 160 | 585 | 6 | 12 | 5000 | 5000 | 1440 |
| M330 | 3300 | 2400 | 4155 | 4720 | 160 | 160 | 585 | 6 | 12 | 5000 | 5000 | 1465 |
| M350 | 3500 | 2500 | 4355 | 4920 | 160 | 160 | 585 | 6 | 12 | 5000 | 5000 | 1490 |
| M370 | 3700 | 2600 | 4605 | 5170 | 160 | 160 | 585 | 6 | 12 | 5000 | 5000 | 1500 |
| M400 | 4000 | 2800 | 4855 | 5420 | 160 | 160 | 585 | 6 | 12 | 4750 | 5000 | 1550 |
| M450 | 4500 | 3050 | 5355 | 5920 | 160 | 160 | 585 | 6 | 6 | 4250 | 4550 | 1620 |
| M500 | 5000 | 3300 | 5855 | 6420 | 160 | 160 | 585 | 6 | 6 | 3500 | 3750 | 1670 |
| M550 | 5500 | 3600 | 6355 | 6920 | 160 | 160 | 585 | 3 | 6 | 2850 | 3350 | 1760 |
| M600 | 6000 | 3850 | 6855 | 7420 | 160 | 160 | 585 | 3 | 6 | 2550 | 2950 | 1810 |
| 2-STAGE FULL FREE-LIFT (FFL) MAST | | | | | | | | | | | | |
| M300 | 3000 | 2250 | 3855 | 4410 | 1435 | 875 | 595 | 6 | 12 | 5000 | 5000 | 1550 |
| M330 | 3300 | 2400 | 4155 | 4710 | 1585 | 1025 | 595 | 6 | 12 | 5000 | 5000 | 1580 |
| M350 | 3500 | 2500 | 4355 | 4910 | 1685 | 1125 | 595 | 6 | 12 | 5000 | 5000 | 1600 |
| M375 | 3750 | 2625 | 4605 | 5160 | 1810 | 1250 | 595 | 6 | 12 | 5000 | 5000 | 1630 |
| M400 | 4000 | 2800 | 4855 | 5410 | 1985 | 1425 | 595 | 6 | 12 | 4750 | 5000 | 1670 |
| 3-STAGE FULL FREE-LIFT (FFL) MAST | | | | | | | | | | | | |
| TFM400 | 4000 | 2110 | 4880 | 5425 | 1285 | 735 | 640 | 6 | 6 | 4500 | 4750 | 1890 |
| TFM435 | 4350 | 2235 | 5230 | 5775 | 1405 | 860 | 640 | 6 | 6 | 4250 | 4500 | 1930 |
| TFM450 | 4500 | 2285 | 5385 | 5930 | 1460 | 910 | 640 | 6 | 6 | 4000 | 4250 | 1950 |
| TFM480 | 4800 | 2385 | 5680 | 6230 | 1555 | 1010 | 640 | 6 | 6 | 3750 | 4000 | 1990 |
| TFM500 | 5000 | 2485 | 5880 | 6425 | 1655 | 1110 | 640 | 6 | 6 | 3400 | 3650 | 2030 |
| TFM540 | 5400 | 2610 | 6280 | 6820 | 1780 | 1235 | 640 | 3 | 6 | 2850 | 3350 | 2070 |
| TFM600 | 6000 | 2850 | 6875 | 7420 | 2020 | 1475 | 640 | 3 | 6 | 2200 | 2950 | 2220 |
| TFM650 | 6500 | 3050 | 7375 | 7920 | 2220 | 1675 | 640 | 3 | 6 | 1700 | 2650 | 2370 |

Capacities are with standard carriage.

MITSUBISHI 5.0L DIESEL

- 6 Cylinder
- Displacement
- Torque
- Power
- Air filtration
- IDI fuel injection system
- Overhead Valve
- 4.996 litre
- 250Nm @ 1,600rpm
- 52kW @ 2,300rpm
- Two stage, dry type

KUBOTA 3.8L DIESEL

- 4 Cylinder
- Displacement
- Torque
- Power
- Air filtration
- Overhead Valve
- 3.769 litre
- 308Nm @ 1,500rpm
- 55.4kW @ 2,200rpm
- Two stage, dry type

KUBOTA 3.8L LPG

- 4 Cylinder
- Displacement
- Torque
- Power
- Air filtration
- IDI fuel injection system
- Overhead Valve
- 3.769 litre
- 300Nm @ 1,200rpm
- 63.2kW @ 2,400rpm
- Two stage, dry type

KUBOTA 3.8L DUAL FUEL

- 4 Cylinder
- Displacement
- Torque
- Power
- Air filtration
- IDI fuel injection system
- Overhead Valve
- 3.769 litre
- 300Nm @ 1,200rpm
- 57.6kW @ 2,400rpm
- Two stage, dry type

GENERAL SPECIFICATIONS - GP40UX

| DISTINGUISHING MARK | 1.1 | Manufacturer | Yale | | | | | |
|---------------------|-------------------------|---|---|---|----------------------------------|---|----------------------------------|------|
| | 1.2 | Model designation | GDP40UX | GLP40UX | GTP40UX | GLP40UX | | |
| | 1.3 | Drive: electric(battery or mains), diesel, petrol, fuel gas | Diesel | Diesel Stage V | Dual fuel | LPG | | |
| | 1.4 | Operator type: hand, pedestrian, standing, seated, order-picker | Seated | | | | | |
| | 1.5 | Rated capacity/rated load | kg | 4000 | | | | |
| | 1.6 | Load centre distance | mm | 500 | | | | |
| | 1.8 | Load distance, centre of drive axle to fork | mm | 575 | | | | |
| | 1.9 | Wheelbase (with mast vertical) | mm | 2100 | | | | |
| | WEIGHT | 2.1 | Service weight | kg | 6435 | | | |
| 2.2 | | Axle loading, laden front/rear | kg | 9195/1240 | | | | |
| 2.3 | | Axle loading, unladen front/rear | kg | 3075/3360 | | | | |
| TYRES/CHASSIS | 3.1 | Tyres: Solid rubber, superelastic, pneumatic, polyurethane | Pneumatic | | | | | |
| | 3.2 | Tyre size, front | 300-15-18PR | | | | | |
| | 3.3 | Tyre size, rear | 7.00-12-12PR | | | | | |
| | 3.5 | wheels, number front/rear | 2X2 | | | | | |
| | 3.6 | Tread, front | mm | 1190 | | | | |
| | 3.7 | Tread, rear | mm | 1130 | | | | |
| | DIMENSIONS | 4.1 | Tilt of mast/fork carriage, forward /backward | α / β (°) | 6/12 | | | |
| 4.2 | | Height, mast lowered | mm | 2250 | | | | |
| 4.3 | | Free lift | mm | 150 | | | | |
| 4.4 | | Lift | mm | 3000 | | | | |
| 4.5 | | Height, mast extended | mm | 4260 | | | | |
| 4.7 | | Height of overhead guard(cabin) | mm | 2250 (2400) | | | | |
| 4.8 | | Seat height/stand height | mm | 1350 | | | | |
| 4.12 | | Towing coupling height | mm | 340 | | | | |
| 4.19 | | Overall length | mm | 4280 | | | | |
| 4.20 | | Length to face of forks | mm | 3210 | | | | |
| 4.21 | | Overall width, Std/Dual | mm | 1490/1924 | | | | |
| 4.22 | | Fork dimensions ISO2331 | mm | 50/150/1070 | | | | |
| 4.23 | | Fork carriage ISO 2328. Class/type, A/B | ISO 3A | | | | | |
| 4.24 | | Fork carriage width | mm | 1380 | | | | |
| 4.31 | | Ground clearance, laden, below mast | mm | 155/130 | | | | |
| 4.32 | | Ground clearance, centre of wheelbase | mm | 186 | | | | |
| 4.33 | | Load dimension b 12*/6 crossways | 1000x1000 | | | | | |
| 4.34 | | Aisle width with predetermined load dimensions | mm | 4695 | | | | |
| 4.34.1 | | Aisle width with pallets 1000mm x 1200mm crossways | mm | 4825 | | | | |
| 4.34.2 | | Aisle width with pallets 800mm x 1200mm crossways | mm | 4825 | | | | |
| 4.35 | | Turning radius | mm | 2850 | | | | |
| 4.36 | Internal turning radius | b ₁₃ | 845 | | | | | |
| PERFORMANCE DATA | 5.1 | Travel speed, laden/unladen | km/h | Shift 2: 24/25 Shift 1: 17/18 | Shift 2: 22/24 Shift 1: 15/16 | Shift 2: 25/28 Shift 1: 18/19 | Shift 2: 26/28 Shift 1: 18/19 | |
| | 5.1.1 | Travel speed, laden/unladen, backwards | km/h | Shift 1:19/20 | Shift 1:17/19 | Shift 1:21/22 | | |
| | 5.2 | Lifting speed, laden/unladen | mm/s | 530/560 | | | | |
| | 5.3 | Lowering speed laden/unladen | mm/s | 480/500 | | | | |
| | 5.6 | Max. drawbar pull laden/unladen | N | 30000/23000 | 25000/21000 | 31500/30000 | 33000/32000 | |
| | 5.7 | Gradeability, laden/unladen | % | 24/25 | 20/25 | 24/25 | 25/25 | |
| | 5.9 | Acceleration time, laden/unladen | sec | with load: 5.05(S1) / 4.76(S2) without load: 4.15(S1) / 3.95(S2) | TBC | with load: 5.07(S1) / 4.78(S2) without load: 4.15(S1) / 3.95(S2) | | |
| | 5.10 | Service brake | Hydraulic | | | | | |
| | COMBUSTION-ENGINE | 7.1 | Engine manufacturer/type | Mitsubishi S6S | Kubota V3800-CR-TE5CB-HYM-1 | Kubota WG3800-GL-C | Kubota WG3800-L-C | |
| | | 7.2 | Engine power according to DIN ISO 1585 | kW | 52 | 55.4 | 57.6 | 63.2 |
| 7.3 | | Rated speed | min ⁻¹ | 2300 | 2200 | 2400 | | |
| 7.4 | | Number of cylinders/displacement | -/cm ³ | 6/4996 | 4/3769 | | | |
| 7.5 | | Fuel consumption according to VDI cycle | l/h or kg/h | 7.02l/h or 5.9kg/h | TBC | 6.15kg/h | 6.24kg/h | |
| 7.6 | | Turnover output | t/h | 270t/h | TBC | 280t/h | 286t/h | |
| 7.7 | | Energy consumption at turnover output | l/h or kg/h | 9.26l/h or 7.77kg/h | TBC | 7.93kg/h | 8.16kg/h | |
| 7.8 | | Generator | A | 35 | 100 | | | |
| 7.9 | | Vehicle electrical system voltage | V | 24 | 12 | | | |
| 7.10 | | Battery voltage/nominal capacity | V/Ah | 2-12/60 | 12/120 | 12/90 | | |
| ADDITIONAL DATA | 8.1 | Type of drive unit | E-Hydraulic | | | | | |
| | 10.1 | Operating pressure for attachments | bar | 195 | | | | |
| | 10.2 | Oil volume for attachments | l/min | 70 | | | | |
| | 10.4 | Fuel tank capacity | L | 100 | | | | |
| | 10.7 | Sound pressure level at the driver's seat | dB (A) | 88 | 81.5 | 88 | | |
| | 10.7.1 | Sound power level during the work cycle | dB (A) | 109.6 | 99.7 | 109.6 | | |
| | 10.8 | Towing coupling, type DIN | PIN | | | | | |

GENERAL SPECIFICATIONS - GP45UX

| DISTINGUISHING MARK | 1.1 | Manufacturer | Yale | | | | | |
|---------------------|-------------------------|---|---|---|----------------------------------|---|----------------------------------|------|
| | 1.2 | Model designation | GDP45UX | GLP45UX | GTP45UX | GLP45UX | | |
| | 1.3 | Drive: electric(battery or mains), diesel, petrol, fuel gas | Diesel | Diesel Stage V | Dual fuel | LPG | | |
| | 1.4 | Operator type: hand, pedestrian, standing, seated, order-picker | Seated | | | | | |
| | 1.5 | Rated capacity/rated load | kg | 4500 | | | | |
| | 1.6 | Load centre distance | mm | 500 | | | | |
| | 1.8 | Load distance, centre of drive axle to fork | mm | 575 | | | | |
| | 1.9 | Wheelbase (with mast vertical) | mm | 2100 | | | | |
| | WEIGHT | 2.1 | Service weight | kg | 6670 | | | |
| 2.2 | | Axle loading, laden front/rear | kg | 9917/1253 | | | | |
| 2.3 | | Axle loading, unladen front/rear | kg | 2910/3760 | | | | |
| TYRES/CHASSIS | 3.1 | Tyres: Solid rubber, superelastic, pneumatic, polyurethane | Pneumatic | | | | | |
| | 3.2 | Tyre size, front | 300-15-18PR | | | | | |
| | 3.3 | Tyre size, rear | 7.00-12-12PR | | | | | |
| | 3.5 | wheels, number front/rear | 2X2 | | | | | |
| | 3.6 | Tread, front | mm | 1190 | | | | |
| | 3.7 | Tread, rear | mm | 1130 | | | | |
| | DIMENSIONS | 4.1 | Tilt of mast/fork carriage, forward /backward | α / β (°) | 6/12 | | | |
| 4.2 | | Height, mast lowered | mm | 2250 | | | | |
| 4.3 | | Free lift | mm | 150 | | | | |
| 4.4 | | Lift | mm | 3000 | | | | |
| 4.5 | | Height, mast extended | mm | 4260 | | | | |
| 4.7 | | Height of overhead guard(cabin) | mm | 2250 (2400) | | | | |
| 4.8 | | Seat height/stand height | mm | 1350 | | | | |
| 4.12 | | Towing coupling height | mm | 340 | | | | |
| 4.19 | | Overall length | mm | 4280 | | | | |
| 4.20 | | Length to face of forks | mm | 3210 | | | | |
| 4.21 | | Overall width, Std/Dual | mm | 1490/1924 | | | | |
| 4.22 | | Fork dimensions ISO2331 | mm | 50/150/1070 | | | | |
| 4.23 | | Fork carriage ISO 2328. Class/type, A/B | ISO 3A | | | | | |
| 4.24 | | Fork carriage width | mm | 1380 | | | | |
| 4.31 | | Ground clearance, laden, below mast | mm | 155/130 | | | | |
| 4.32 | | Ground clearance, centre of wheelbase | mm | 186 | | | | |
| 4.33 | | Load dimension b 12*/6 crossways | 1000x1000 | | | | | |
| 4.34 | | Aisle width with predetermined load dimensions | mm | 4695 | | | | |
| 4.34.1 | | Aisle width with pallets 1000mm x 1200mm crossways | mm | 4825 | | | | |
| 4.34.2 | | Aisle width with pallets 800mm x 1200mm crossways | mm | 4825 | | | | |
| 4.35 | | Turning radius | mm | 2850 | | | | |
| 4.36 | Internal turning radius | b ₁₃ | 845 | | | | | |
| PERFORMANCE DATA | 5.1 | Travel speed, laden/unladen | km/h | Shift 2: 24/25 Shift 1: 17/18 | Shift 2: 22/24 Shift 1: 15/16 | Shift 2: 25/28 Shift 1: 18/19 | Shift 2: 26/28 Shift 1: 18/19 | |
| | 5.1.1 | Travel speed, laden/unladen, backwards | km/h | Shift 1:19/20 | Shift 1:17/19 | Shift 1:21/22 | | |
| | 5.2 | Lifting speed, laden/unladen | mm/s | 530/560 | | | | |
| | 5.3 | Lowering speed laden/unladen | mm/s | 480/500 | | | | |
| | 5.6 | Max. drawbar pull laden/unladen | N | 30000/23000 | 25000/21000 | 31500/30000 | 33000/32000 | |
| | 5.7 | Gradeability, laden/unladen | % | 22/25 | 20/25 | 23/25 | | |
| | 5.9 | Acceleration time, laden/unladen | sec | with load: 5.21(S1) / 4.86(S2) without load: 4.32(S1) / 4.15(S2) | TBC | with load: 5.29(S1) / 4.93(S2) without load: 4.32(S1) / 4.15(S2) | | |
| | 5.10 | Service brake | Hydraulic | | | | | |
| | COMBUSTION-ENGINE | 7.1 | Engine manufacturer/type | Mitsubishi S6S | Kubota V3800-CR-TE5CB-HYM-1 | Kubota WG3800-GL-C | Kubota WG3800-L-C | |
| | | 7.2 | Engine power according to DIN ISO 1585 | kW | 52 | 55.4 | 57.6 | 63.2 |
| 7.3 | | Rated speed | min ⁻¹ | 2300 | 2200 | 2400 | | |
| 7.4 | | Number of cylinders/displacement | -/cm ³ | 6/4996 | 4/3769 | | | |
| 7.5 | | Fuel consumption according to VDI cycle | l/h or kg/h | 7.26l/h or 6.1kg/h | TBC | 6.5kg/h | 6.85kg/h | |
| 7.6 | | Turnover output | t/h | 300t/h | TBC | 310t/h | 317t/h | |
| 7.7 | | Energy consumption at turnover output | l/h or kg/h | 9.62l/h or 8.07kg/h | TBC | 8.27kg/h | 8.36kg/h | |
| 7.8 | | Generator | A | 35 | 100 | | | |
| 7.9 | | Vehicle electrical system voltage | V | 24 | 12 | | | |
| 7.10 | | Battery voltage/nominal capacity | V/Ah | 2-12/60 | 12/120 | 12/90 | | |
| ADDITIONAL DATA | 8.1 | Type of drive unit | E-Hydraulic | | | | | |
| | 10.1 | Operating pressure for attachments | bar | 195 | | | | |
| | 10.2 | Oil volume for attachments | l/min | 70 | | | | |
| | 10.4 | Fuel tank capacity | L | 100 | | | | |
| | 10.7 | Sound pressure level at the driver's seat | dB (A) | 88 | 81.5 | 88 | | |
| | 10.7.1 | Sound power level during the work cycle | dB (A) | 109.6 | 99.7 | 109.6 | | |
| | 10.8 | Towing coupling, type DIN | PIN | | | | | |

GENERAL SPECIFICATIONS - GP50UX

| DISTINGUISHING MARK | 1.1 | Manufacturer | Yale | | | | | |
|---------------------|-------------------------|---|---|---|---|---|----------------------------------|------|
| | 1.2 | Model designation | GDP50UX | GLP50UX | GTP50UX | GLP50UX | | |
| | 1.3 | Drive: electric(battery or mains), diesel, petrol, fuel gas | Diesel | Diesel Stage V | Dual fuel | LPG | | |
| | 1.4 | Operator type: hand, pedestrian, standing, seated, order-picker | Seated | | | | | |
| | 1.5 | Rated capacity/rated load | kg | 5000 | | | | |
| | 1.6 | Load centre distance | mm | 500 | | | | |
| | 1.8 | Load distance, centre of drive axle to fork | mm | 580 | | | | |
| | 1.9 | Wheelbase (with mast vertical) | mm | 2100 | | | | |
| | WEIGHT | 2.1 | Service weight | kg | 7010 | | | |
| 2.2 | | Axle loading, laden front/rear | kg | 10810/1200 | | | | |
| 2.3 | | Axle loading, unladen front/rear | kg | 3160/3850 | | | | |
| TYRES/CHASSIS | 3.1 | Tyres: Solid rubber, superelastic, pneumatic, polyurethane | Pneumatic | | | | | |
| | 3.2 | Tyre size, front | 300-15-18PR | | | | | |
| | 3.3 | Tyre size, rear | 7.00-12-12PR | | | | | |
| | 3.5 | wheels, number front/rear | 2X2 | | | | | |
| | 3.6 | Tread, front | mm | 1190 | | | | |
| | 3.7 | Tread, rear | mm | 1130 | | | | |
| | DIMENSIONS | 4.1 | Tilt of mast/fork carriage, forward /backward | α / β (°) | 6/12 | | | |
| 4.2 | | Height, mast lowered | mm | 2250 | | | | |
| 4.3 | | Free lift | mm | 155 | | | | |
| 4.4 | | Lift | mm | 3000 | | | | |
| 4.5 | | Height, mast extended | mm | 4260 | | | | |
| 4.7 | | Height of overhead guard(cabin) | mm | 2250 (2400) | | | | |
| 4.8 | | Seat height/stand height | mm | 1350 | | | | |
| 4.12 | | Towing coupling height | mm | 340 | | | | |
| 4.19 | | Overall length | mm | 4345 | | | | |
| 4.20 | | Length to face of forks | mm | 3275 | | | | |
| 4.21 | | Overall width, Std/Dual | mm | 1490/1924 | | | | |
| 4.22 | | Fork dimensions ISO2331 | mm | 50/150/1070 | | | | |
| 4.23 | | Fork carriage ISO 2328. Class/type, A/B | ISO 3A | | | | | |
| 4.24 | | Fork carriage width | mm | 1380 | | | | |
| 4.31 | | Ground clearance, laden, below mast | mm | 155/130 | | | | |
| 4.32 | | Ground clearance, centre of wheelbase | mm | 186 | | | | |
| 4.33 | | Load dimension b 12*/6 crossways | 1000x1000 | | | | | |
| 4.34 | | Aisle width with predetermined load dimensions | mm | 4755 | | | | |
| 4.34.1 | | Aisle width with pallets 1000mm x 1200mm crossways | mm | 4885 | | | | |
| 4.34.2 | | Aisle width with pallets 800mm x 1200mm crossways | mm | 4885 | | | | |
| 4.35 | | Turning radius | mm | 2905 | | | | |
| 4.36 | Internal turning radius | b ₁₃ | 845 | | | | | |
| PERFORMANCE DATA | 5.1 | Travel speed, laden/unladen | km/h | Shift 2: 25/27 Shift 1: 17/18 | Shift 2: 22/24 Shift 1: 15/16 | Shift 2: 25/28 Shift 1: 18/19 | Shift 2: 26/28 Shift 1: 18/19 | |
| | 5.1.1 | Travel speed, laden/unladen, backwards | km/h | Shift 1:19/20 | Shift 1:17/19 | Shift 1:21/22 | | |
| | 5.2 | Lifting speed, laden/unladen | mm/s | 530/560 | | | | |
| | 5.3 | Lowering speed laden/unladen | mm/s | 480/500 | | | | |
| | 5.6 | Max. drawbar pull laden/unladen | N | 30000/23000 | 25000/21000 | 31500/30000 | 33000/32000 | |
| | 5.7 | Gradeability, laden/unladen | % | 20/25 | 21/25 | 20/25 | 25/25 | |
| | 5.9 | Acceleration time, laden/unladen | sec | with load: 5.41(S1) / 5.06(S2) without load: 4.52(S1) / 4.35(S2) | with load: 5.24(S1) / 5.34(S2) without load: 4.82(S1) / 4.50(S2) | with load: 5.55(S1) / 5.19(S2) without load: 4.52(S1) / 4.35(S2) | | |
| | 5.10 | Service brake | Hydraulic | | | | | |
| | COMBUSTION-ENGINE | 7.1 | Engine manufacturer/type | Mitsubishi S6S | Kubota V3800-CR-TE5CB-HYM-1 | Kubota WG3800-GL-C | Kubota WG3800-L-C | |
| | | 7.2 | Engine power according to DIN ISO 1585 | kW | 52 | 55.4 | 57.6 | 63.2 |
| 7.3 | | Rated speed | min ⁻¹ | 2300 | 2200 | 2400 | | |
| 7.4 | | Number of cylinders/displacement | -/cm ³ | 6/4996 | 4/3769 | | | |
| 7.5 | | Fuel consumption according to VDI cycle | l/h or kg/h | 7.62l/h or 6.4kg/h | 5l/h / 4.2kg/h | 6.9kg/h | 7.44kg/h | |
| 7.6 | | Turnover output | t/h | 345t/h | 375t/h | 346t/h | | |
| 7.7 | | Energy consumption at turnover output | l/h or kg/h | 9.97l/h or 8.37kg/h | 8.93l/h / 7.5kg/h | 8.46kg/h | 8.52kg/h | |
| 7.8 | | Generator | A | 35 | 100 | | | |
| 7.9 | | Vehicle electrical system voltage | V | 24 | 12 | | | |
| 7.10 | | Battery voltage/nominal capacity | V/Ah | 2-12/60 | 12/120 | 12/90 | | |
| ADDITIONAL DATA | 8.1 | Type of drive unit | E-Hydraulic | | | | | |
| | 10.1 | Operating pressure for attachments | bar | 195 | | | | |
| | 10.2 | Oil volume for attachments | l/min | 70 | | | | |
| | 10.4 | Fuel tank capacity | L | 100 | | | | |
| | 10.7 | Sound pressure level at the driver's seat | dB (A) | 88 | 81.5 | 88 | | |
| | 10.7.1 | Sound power level during the work cycle | dB (A) | 109.6 | 99.7 | 109.6 | | |
| | 10.8 | Towing coupling, type DIN | PIN | | | | | |

GENERAL SPECIFICATIONS - GP50UX6

| DISTINGUISHING MARK | 1.1 | Manufacturer | Yale | | | | | |
|---------------------|-------------------------|---|---|---|---|---|----------------------------------|------|
| | 1.2 | Model designation | GDP50UX | GLP50UX | GTP50UX | GLP50UX | | |
| | 1.3 | Drive: electric(battery or mains), diesel, petrol, fuel gas | Diesel | Diesel Stage V | Dual fuel | LPG | | |
| | 1.4 | Operator type: hand, pedestrian, standing, seated, order-picker | Seated | | | | | |
| | 1.5 | Rated capacity/rated load | kg | 5000 | | | | |
| | 1.6 | Load centre distance | mm | 600 | | | | |
| | 1.8 | Load distance, centre of drive axle to fork | mm | 585 | | | | |
| | 1.9 | Wheelbase (with mast vertical) | mm | 2100 | | | | |
| | WEIGHT | 2.1 | Service weight | kg | 7260 | | | |
| 2.2 | | Axle loading, laden front/rear | kg | 10910/1350 | | | | |
| 2.3 | | Axle loading, unladen front/rear | kg | 3270/3990 | | | | |
| TYRES/CHASSIS | 3.1 | Tyres: Solid rubber, superelastic, pneumatic, polyurethane | Pneumatic | | | | | |
| | 3.2 | Tyre size, front | 300-15-18PR | | | | | |
| | 3.3 | Tyre size, rear | 7.00-12-14PR | | | | | |
| | 3.5 | wheels, number front/rear | 2X2 | | | | | |
| | 3.6 | Tread, front | mm | 1190 | | | | |
| | 3.7 | Tread, rear | mm | 1130 | | | | |
| | DIMENSIONS | 4.1 | Tilt of mast/fork carriage, forward /backward | α / β (°) | 6/12 | | | |
| 4.2 | | Height, mast lowered | mm | 2250 | | | | |
| 4.3 | | Free lift | mm | 160 | | | | |
| 4.4 | | Lift | mm | 3000 | | | | |
| 4.5 | | Height, mast extended | mm | 4420 | | | | |
| 4.7 | | Height of overhead guard(cabin) | mm | 2250 (2400) | | | | |
| 4.8 | | Seat height/stand height | mm | 1350 | | | | |
| 4.12 | | Towing coupling height | mm | 340 | | | | |
| 4.19 | | Overall length | mm | 4530 | | | | |
| 4.20 | | Length to face of forks | mm | 3310 | | | | |
| 4.21 | | Overall width, Std/Dual | mm | 1490/1924 | | | | |
| 4.22 | | Fork dimensions ISO2331 | mm | 60/150/1220 | | | | |
| 4.23 | | Fork carriage ISO 2328. Class/type, A/B | ISO 4A | | | | | |
| 4.24 | | Fork carriage width | mm | 1380 | | | | |
| 4.31 | | Ground clearance, laden, below mast | mm | 130 | | | | |
| 4.32 | | Ground clearance, centre of wheelbase | mm | 186 | | | | |
| 4.33 | | Load dimension b 12*/6 crossways | 1000x1000 | | | | | |
| 4.34 | | Aisle width with predetermined load dimensions | mm | 4935 | | | | |
| 4.34.1 | | Aisle width with pallets 1000mm x 1200mm crossways | mm | 4935 | | | | |
| 4.34.2 | | Aisle width with pallets 800mm x 1200mm crossways | mm | 4935 | | | | |
| 4.35 | | Turning radius | mm | 2930 | | | | |
| 4.36 | Internal turning radius | b ₁₃ | 845 | | | | | |
| PERFORMANCE DATA | 5.1 | Travel speed, laden/unladen | km/h | Shift 2: 25/27 Shift 1: 17/18 | Shift 2: 22/24 Shift 1: 15/16 | Shift 2: 25/28 Shift 1: 18/19 | Shift 2: 26/28 Shift 1: 18/19 | |
| | 5.1.1 | Travel speed, laden/unladen, backwards | km/h | Shift 1:19/20 | Shift 1:17/19 | Shift 1:21/22 | | |
| | 5.2 | Lifting speed, laden/unladen | mm/s | 530/560 | | | | |
| | 5.3 | Lowering speed laden/unladen | mm/s | 500/450 | | | | |
| | 5.6 | Max. drawbar pull laden/unladen | N | 30000/23000 | 25000/21000 | 31500/30000 | 33000/32000 | |
| | 5.7 | Gradeability, laden/unladen | % | 20/25 | | 21/25 | 20/25 | |
| | 5.9 | Acceleration time, laden/unladen | sec | with load: 5.41(S1) / 5.06(S2) without load: 4.52(S1) / 4.35(S2) | with load: 5.24(S1) / 5.34(S2) without load: 4.82(S1) / 4.50(S2) | with load: 5.55(S1) / 5.19(S2) without load: 4.52(S1) / 4.35(S2) | | |
| | 5.10 | Service brake | Hydraulic | | | | | |
| | COMBUSTION-ENGINE | 7.1 | Engine manufacturer/type | Mitsubishi S6S | Kubota V3800-CR-TE5CB-HYM-1 | Kubota WG3800-GL-C | Kubota WG3800-L-C | |
| | | 7.2 | Engine power according to DIN ISO 1585 | kW | 52 | 55.4 | 57.6 | 63.2 |
| 7.3 | | Rated speed | min ⁻¹ | 2300 | 2200 | 2400 | | |
| 7.4 | | Number of cylinders/displacement | -/cm ³ | 6/4996 | 4/3769 | | | |
| 7.5 | | Fuel consumption according to VDI cycle | l/h or kg/h | 7.62l/h or 6.4kg/h | 5l/h / 4.2kg/h | 6.9kg/h | 7.44kg/h | |
| 7.6 | | Turnover output | t/h | 345t/h | 375t/h | 345t/h | | |
| 7.7 | | Energy consumption at turnover output | l/h or kg/h | 9.97l/h or 8.37kg/h | 8.93l/h / 7.5kg/h | 8.46kg/h | 8.52kg/h | |
| 7.8 | | Generator | A | 35 | 100 | | | |
| 7.9 | | Vehicle electrical system voltage | V | 24 | 12 | | | |
| 7.10 | | Battery voltage/nominal capacity | V/Ah | 2-12/60 | 12/120 | 12/90 | | |
| ADDITIONAL DATA | 8.1 | Type of drive unit | E-Hydraulic | | | | | |
| | 10.1 | Operating pressure for attachments | bar | 195 | | | | |
| | 10.2 | Oil volume for attachments | l/min | 70 | | | | |
| | 10.4 | Fuel tank capacity | L | 100 | | | | |
| | 10.7 | Sound pressure level at the driver's seat | dB (A) | 88 | 81.5 | 87.5 | | |
| | 10.7.1 | Sound power level during the work cycle | dB (A) | 109.6 | 99.7 | 107 | | |
| | 10.8 | Towing coupling, type DIN | PIN | | | | | |

About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

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