



DP20P3  
DP25P3  
DP30P3  
DP35P3

GP15P  
GP18P  
GP20CP  
GP20P  
GP25P  
GP30P  
GP35P

# DURABLE, CONSISTENT, RUGGED

**SPECIFICATIONS**

**ENGINE POWERED LIFT TRUCKS 1.5 - 3.5 TONNES**



# DURABLE, CONSISTENT, RUGGED...

OUR RANGE OF SMALLER ENGINE-POWERED TRUCKS OFFERS AN EXCELLENT BLEND OF POWER AND PERFORMANCE WITH THE ADVANTAGE OF LOW FUEL CONSUMPTION - FOR EASY AND ECONOMICAL USE.



With a variety of load capacities, frame types, mast designs and engine sizes to choose from, you can be sure of the ideal configuration to suit your needs.

Ideal for industrial applications, the trucks achieve outstanding traction on sloping or slippery surfaces, with solid pneumatic tyres also providing excellent operator comfort.



Our latest Stage V diesel engine, with its advanced exhaust gas technology, meets stringent EU regulations. Its built-in warning system and easy maintenance procedures help to keep your lift truck in service and minimise your costs.



A wide range of optional features allows you to match the specification of your Cat® lift truck to your application. A double air filter, for example, can be fitted to provide increased engine protection in dusty applications such as in mills and brickyards, while factory-fitted cabin options keep your operators comfortable and productive in extreme weather conditions.

## LOWER COST OF OWNERSHIP

- Modern design techniques in combination with long component life result in a long service interval which reduces total cost of ownership.
- Vehicle Control Module manages various truck and operator functions, allowing easy troubleshooting and pinpointing of problems.
- Colour LCD display with Bluetooth connectivity provides extensive information on truck operation, maintenance state and soot level (diesel) - with indication of service requirements to prevent unexpected downtime and costs due to unscheduled servicing and repairs.
- Bluetooth connectivity allows wireless connection to TruckTool for servicing and touchless operator authentication using a smartphone.
- LED front work lights and front/rear combination lights reduce energy consumption and maintenance costs.
- Robust and durable chassis is fitted with full belly guard to protect engine compartment from dust, water and dirt.

## UNMATCHED PRODUCTIVITY

- Powerful, proven industrial engine offers state-of-the-art LPG technology, including electronic engine management system and 3-way catalytic converter, for great performance, low noise and emission levels, and efficient fuel usage.
- Fully floating powertrain layout lowers centre of gravity, increases truck stability and maximises residual lifting capacities.
- Reliable, high performance, electronically controlled Stage V diesel engine delivers low emission levels with low fuel consumption.
- Compact design means this range is also suitable for use in aisles with tight spaces.
- Mast carriage features six bearings, increasing durability and lifting speed, while powerful hydraulic system offers high residual capacities for easy handling of heavier loads.
- Optional factory-fitted panel cabin keeps the elements out, without compromising visibility, combining form and function in a design which keeps the truck performing in the most extreme of temperatures and in wet environments.

## SAFETY AND ERGONOMICS

- Presence Detection System (PDS) prevents truck operation when operator is not seated.
- Low noise levels combine with the ergonomic and comfortable Grammer seat to help maintain operator concentration and reduce fatigue during long shifts.
- Fingertip hydraulic controls are mounted on a fully adjustable armrest for optimum load handling and easy manoeuvrability.
- Automotive-style pedal layout allows easy and comfortable operation.
- Adjustable steering column with memory position can be set according to operator's preference for comfortable operation.
- Low step in chassis enables easy on and off access.
- Good all-round visibility and ergonomic layout of all controls improves comfort and minimises operator fatigue.
- Hand grip mounted at the rear of the overhead guard, with a horn button, increases safety and reduces back strain and fatigue in applications involving repetitive reversing.



# STANDARD EQUIPMENT AND OPTIONS

| GENERAL                                                                                      | DIESEL    |           | LP GAS   |        |          |          |
|----------------------------------------------------------------------------------------------|-----------|-----------|----------|--------|----------|----------|
|                                                                                              | DP20-25P3 | DP30-35P3 | GP15-18P | GP20CP | GP20-25P | GP30-35P |
| Dust proof kit                                                                               | ○         | ○         | ○        | ○      | ○        | ○        |
| Line filter for torque converter                                                             | ○         | ○         | ○        | ○      | ○        | ○        |
| Universal joint cover powertrain                                                             | ○         | ○         | ○        | ○      | ○        | ○        |
| LPG bracket removed                                                                          | -         | -         | ○        | ○      | ○        | ○        |
| LPG Swing down bracket, no tank                                                              | -         | -         | ○        | ○      | ○        | ○        |
| Tilt cylinder boot kit                                                                       | -         | -         | ○        | ○      | ○        | ○        |
| Belly plate (under cover)                                                                    | ●         | ●         | ●        | ●      | ●        | ●        |
| Large capacity battery                                                                       | -         | -         | ○        | ○      | ○        | ○        |
| Fire extinguisher                                                                            | ○         | ○         | ○        | ○      | ○        | ○        |
| Equipment Bar                                                                                | ○         | ○         | ○        | ○      | ○        | ○        |
| HYDRAULIC                                                                                    |           |           |          |        |          |          |
| 3-way control valve MC                                                                       | ●         | ●         | ●        | ●      | ●        | ●        |
| 3-way control valve FC                                                                       | ○         | ○         | ○        | ○      | ○        | ○        |
| 4-way control valve MC                                                                       | ○         | ○         | ○        | ○      | ○        | ○        |
| 4-way control valve FC                                                                       | ○         | ○         | ○        | ○      | ○        | ○        |
| 5-way control valve MC                                                                       | ○         | ○         | -        | -      | ○        | ○        |
| 5-way control valve FC                                                                       | ○         | ○         | -        | -      | ○        | ○        |
| Single control lever MC                                                                      | ○         | ○         | ○        | ○      | ○        | ○        |
| Dual Joysticks                                                                               | ○         | ○         | ○        | ○      | ○        | ○        |
| Automatic tilt centering via the F2 button on fingertip controller                           | ○         | ○         | ○        | ○      | ○        | ○        |
| F2 Double action button for clamp release (*cannot be combined with Tilt Horizontal control) | ○         | ○         | ○        | ○      | ○        | ○        |
| Hydraulic accumulator                                                                        | ○         | ○         | ○        | ○      | ○        | ○        |
| MAST, FORKS AND CARRIAGE                                                                     |           |           |          |        |          |          |
| Loose mast                                                                                   | ○         | ○         | ○        | ○      | ○        | ○        |
| Heavy Load side roller (*Cannot be combined with an integral sideshifter)                    | ○         | ○         | ○        | ○      | ○        | ○        |
| Side shifter 920 mm                                                                          | -         | -         | ○        | ○      | -        | -        |
| Side shifter 1000 mm                                                                         | ○         | ○         | -        | -      | ○        | ○        |
| Integral side shifter 920 mm                                                                 | -         | -         | ○        | ○      | -        | -        |
| Integral side shifter 1000 mm                                                                | ○         | ○         | ○        | -      | ○        | ○        |
| Hook-on Side shifting Fork Positioner 920 mm                                                 | ○         | ○         | ○        | -      | ○        | ○        |
| Hook-on Side shifting Fork Positioner 1000 mm                                                | ○         | ○         | ○        | -      | ○        | ○        |
| Fork deletion                                                                                | ○         | ○         | ○        | ○      | ○        | ○        |
| ELECTRIC                                                                                     |           |           |          |        |          |          |
| Backup handle with horn button                                                               | ●         | ●         | ●        | ●      | ●        | ●        |
| Speed limiter                                                                                | ●         | ●         | ●        | ●      | ●        | ●        |
| Indicator kit                                                                                | ○         | ○         | ○        | ○      | ○        | ○        |
| LED light set                                                                                | ●         | ●         | ●        | ●      | ●        | ●        |
| LED rear work light                                                                          | ○         | ○         | ○        | ○      | ○        | ○        |
| Load weight indicator                                                                        | ●         | ●         | ●        | ●      | ●        | ●        |
| Strobe light (orange)                                                                        | ○         | ○         | ○        | ○      | ○        | ○        |
| FNR switch on adjustable armrest * (*Standard on FC models)                                  | ○         | ○         | ○        | ○      | ○        | ○        |
| "Blue point" rear light                                                                      | ○         | ○         | ○        | ○      | ○        | ○        |
| Lights on mast (only available with Triplex mast)                                            | ○         | ○         | -        | -      | ○        | ○        |
| USB port                                                                                     | ○         | ○         | ○        | ○      | ○        | ○        |
| LPG low level warning                                                                        | -         | -         | ○        | ○      | ○        | ○        |

● Standard    ○ Option

Contact your dealer for additional standard and optional equipment.

# STANDARD EQUIPMENT AND OPTIONS (CONTINUED)

|                                                     | DIESEL    |           | LP GAS   |        |          |          |
|-----------------------------------------------------|-----------|-----------|----------|--------|----------|----------|
|                                                     | DP20-25P3 | DP30-35P3 | GP15-18P | GP20CP | GP20-25P | GP30-35P |
| <b>OHG AND CABIN</b>                                |           |           |          |        |          |          |
| Grammer MSG 65 Vinyl seat                           | ●         | ●         | ●        | ●      | ●        | ●        |
| Grammer MSG 65 Cloth seat                           | ○         | ○         | ○        | ○      | ○        | ○        |
| Grammer MSG 65 with heater                          | ○         | ○         | ○        | ○      | ○        | ○        |
| Grammer MSG75 air suspension Cloth seat             | ○         | ○         | ○        | ○      | ○        | ○        |
| Grammer MSG75 air suspension Vinyl seat             | ○         | ○         | ○        | ○      | ○        | ○        |
| Rear view mirrors (not available with Deluxe Cabin) | ●         | ●         | ●        | ●      | ●        | ●        |
| Tilt steering column with memory position           | ●         | ●         | ●        | ●      | ●        | ●        |
| Convenience tray (* not available for FC models)    | ○         | ○         | ○        | ○      | ○        | ○        |
| Acrylic rain guard                                  | ○         | ○         | ○        | ○      | ○        | ○        |
| Deluxe Cabin                                        | ○         | ○         | ○        | ○      | ○        | ○        |
| Panel cabin Front screen with wiper + roof          | ○         | ○         | -        | -      | ○        | ○        |
| Panel cabin rear screen                             | ○         | ○         | -        | -      | ○        | ○        |
| Panel cabin PVC doors, LH & RH                      | ○         | ○         | -        | -      | ○        | ○        |
| Panel cabin steel doors                             | ○         | ○         | -        | -      | ○        | ○        |
| <b>TYRES</b>                                        |           |           |          |        |          |          |
| Solid pneumatic tyres                               | ●         | ●         | ●        | ●      | ●        | ●        |
| Pneumatic tyres                                     | ○         | ○         | ○        | -      | ○        | ○        |
| Solid pneumatic dual drive tyres                    | ○         | ○         | -        | -      | ○        | ○        |
| Pneumatic dual drive tyres                          | ○         | ○         | -        | -      | ○        | ○        |
| Non-marking solid tires                             | ○         | ○         | ○        | ○      | ○        | ○        |
| <b>ENVIRONMENT</b>                                  |           |           |          |        |          |          |
| Single element air cleaner                          | ●         | ●         | -        | -      | -        | -        |
| Double element air cleaner                          | ○         | ○         | ●        | ●      | ●        | ●        |
| Elevated exhaust                                    | ○         | ○         | -        | -      | -        | -        |

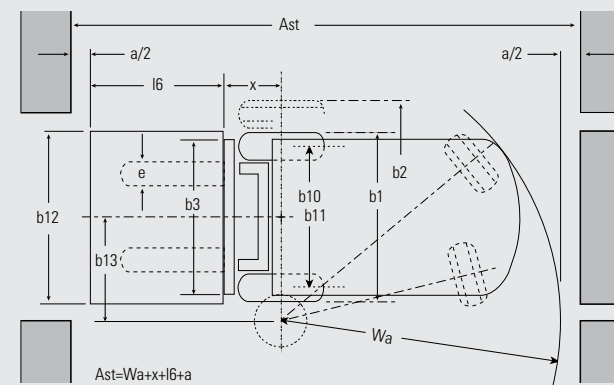
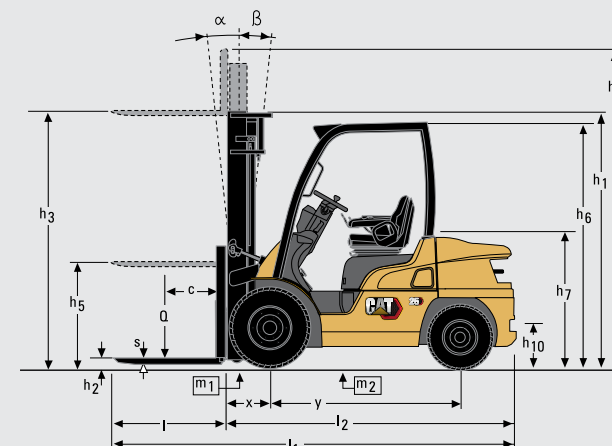
● Standard ○ Option



Contact your dealer for additional standard and optional equipment.

| Characteristics     |                                                                                   |                    |  |  |  |
|---------------------|-----------------------------------------------------------------------------------|--------------------|--|--|--|
| 1.1                 | Manufacturer (abbreviation)                                                       |                    |  |  |  |
| 1.2                 | Manufacturer's model designation                                                  |                    |  |  |  |
| 1.3                 | Power source: (battery, diesel, LPG, petrol)                                      |                    |  |  |  |
| 1.4                 | Operator type: pedestrian, (operator) - standing, - seated                        |                    |  |  |  |
| 1.5                 | Load capacity                                                                     | Q (kg)             |  |  |  |
| 1.6                 | Load centre distance                                                              | c (mm)             |  |  |  |
| 1.8                 | Load distance, axle to fork face                                                  | x (mm)             |  |  |  |
| 1.9                 | Wheelbase                                                                         | y (mm)             |  |  |  |
| Weight              |                                                                                   |                    |  |  |  |
| 2.1                 | Truck weight, without load / including battery (simplex mast, lowest lift height) | kg                 |  |  |  |
| 2.2                 | Axle loading with maximum load, front / rear (simplex mast, lowest lift height)   | kg                 |  |  |  |
| 2.3                 | Axle loading without load, front / rear (simplex mast, lowest lift height)        | kg                 |  |  |  |
| Wheels, Drive Train |                                                                                   |                    |  |  |  |
| 3.1                 | Tyres: V = solid, L = pneumatic, SE = solid pneumatic - front / rear              |                    |  |  |  |
| 3.2                 | Tyre dimensions, front                                                            |                    |  |  |  |
| 3.3                 | Tyre dimensions, rear                                                             |                    |  |  |  |
| 3.5                 | Number of wheels, front / rear (x = driven)                                       |                    |  |  |  |
| 3.6                 | Track width (centre of tyres), front                                              | b10 (mm)           |  |  |  |
| 3.7                 | Track width (centre of tyres), rear                                               | b11 (mm)           |  |  |  |
| Dimensions          |                                                                                   |                    |  |  |  |
| 4.1                 | Mast tilt, forwards/backwards                                                     | $\partial/\beta$ ° |  |  |  |
| 4.2                 | Height with mast lowered (see tables)                                             | h1 (mm)            |  |  |  |
| 4.3                 | Free lift (see tables)                                                            | h2 (mm)            |  |  |  |
| 4.4                 | Lift height (see tables)                                                          | h3 (mm)            |  |  |  |
| 4.5                 | Overall height with mast raised                                                   | h4 (mm)            |  |  |  |
| 4.7                 | Height to top of overhead guard                                                   | h6 (mm)            |  |  |  |
| 4.8                 | Seat height                                                                       | h7 (mm)            |  |  |  |
| 4.12                | Tow coupling height                                                               | h10 (mm)           |  |  |  |
| 4.19                | Overall length                                                                    | l1 (mm)            |  |  |  |
| 4.20                | Length to fork face (includes fork thickness)                                     | l2 (mm)            |  |  |  |
| 4.21                | Overall width                                                                     | b1/b2 (mm)         |  |  |  |
| 4.22                | Fork dimensions (thickness, width, length)                                        | s / e / l (mm)     |  |  |  |
| 4.23                | Fork carriage to DIN 15 173 A/B/no                                                |                    |  |  |  |
| 4.24                | Fork carriage width                                                               | b3 (mm)            |  |  |  |
| 4.31                | Ground clearance under mast, with load                                            | m1 (mm)            |  |  |  |
| 4.32                | Ground clearance at center of wheelbase, with load (forks lowered)                | m2 (mm)            |  |  |  |
| 4.33                | Working aisle width with 1000 x1200 mm pallets, crosswise                         | Ast (mm)           |  |  |  |
| 4.34a               | Working aisle width with 800 x1200 mm pallets, crosswise                          | Ast (mm)           |  |  |  |
| 4.34b               | Working aisle width with 800 x1200 mm pallets, lengthwise                         | Ast (mm)           |  |  |  |
| 4.35                | Turning circle radius                                                             | Wa (mm)            |  |  |  |
| 4.36                | Minimum distance between centers of rotation                                      | b13 (mm)           |  |  |  |
| Performance         |                                                                                   |                    |  |  |  |
| 5.1                 | Travel speed, with / without load                                                 | km / h             |  |  |  |
| 5.2                 | Lifting speed, with / without load                                                | m / s              |  |  |  |
| 5.3                 | Lowering speed, with / without load                                               | m / s              |  |  |  |
| 5.5                 | Rated drawbar pull, with / without load                                           | N                  |  |  |  |
| 5.6                 | Maxium drawbar pull,with / without load (5 min short duty)                        | N                  |  |  |  |
| 5.7                 | Gradeability, with / without load                                                 | %                  |  |  |  |
| 5.8                 | Maximum gradeability with / without load                                          | %                  |  |  |  |
| 5.9                 | Acceleration time (10 metres) with / without load                                 | s                  |  |  |  |
| 5.10                | Service brakes (mechanical / hydraulic / electric / pneumatic)                    |                    |  |  |  |
| IC Engine           |                                                                                   |                    |  |  |  |
| 7.1                 | Manufacturer / Type                                                               |                    |  |  |  |
| 7.2                 | Rated / Nominal output to ISO 1585**                                              | kW                 |  |  |  |
| 7.3                 | Rated speed to DIN 70 020                                                         | rpm                |  |  |  |
| 7.4                 | Number of cylinders / cubic capacity                                              | cm³                |  |  |  |
| 7.6a                | Max torque                                                                        | Nm                 |  |  |  |
| 7.7a                | Max torque at engine speed                                                        | rpm                |  |  |  |
| Miscellaneous       |                                                                                   |                    |  |  |  |
| 8.1                 | Type of drive control                                                             |                    |  |  |  |
| 10.1                | Maximum operating pressure for attachments                                        | bar                |  |  |  |
| 10.2                | Oil flow for attachments                                                          | l / min            |  |  |  |
| 10.7                | Noise level, value at operator's ear (EN 12053)                                   | dB (A)             |  |  |  |
| 10.8                | Towing coupling design / DIN type, ref.                                           |                    |  |  |  |

| Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks |
|-----------------|-----------------|-----------------|-----------------|
| DP20P3          | DP25P3          | DP30P3          | DP35P3          |
| Diesel          | Diesel          | Diesel          | Diesel          |
| Seated          | Seated          | Seated          | Seated          |
| 2000            | 2500            | 3000            | 3500            |
| 500             | 500             | 500             | 500             |
| 455             | 460             | 495             | 495             |
| 1600            | 1600            | 1700            | 1700            |
| 3500            | 3780            | 4410            | 4800            |
| 4680/820        | 5430/850        | 6460/950        | 7170/1130       |
| 1450/2050       | 1390/2390       | 1670/2740       | 1590/3210       |
| SE / SE         | SE / SE         | SE / SE         | SE / SE         |
| 7.00-12         | 7.00-12         | 28x9-15         | 250-15          |
| 6.00-9          | 6.00-9          | 6.50-10         | 6.50-10         |
| 2x / 2          | 2x / 2          | 2x / 2          | 2x / 2          |
| 960             | 960             | 1060            | 1060            |
| 980             | 980             | 980             | 980             |
| 6/10            | 6/10            | 6/10            | 6/10            |
| 2145            | 2145            | 2165            | 2280            |
| 140             | 140             | 140             | 140             |
| 3300            | 3300            | 3300            | 3300            |
| 4355            | 4355            | 4355            | 4355            |
| 2145            | 2145            | 2165            | 2175            |
| 938             | 938             | 957             | 967             |
| 310             | 310             | 330             | 340             |
| 3555            | 3630            | 3805            | 3865            |
| 2485            | 2560            | 2735            | 2795            |
| 1150 / 1640     | 1150 / 1640     | 1275/1710       | 1290/1710       |
| 40x100x1100     | 40x100x1100     | 45x120x1100     | 45x120x1100     |
| 2A              | 2A              | 3A              | 3A              |
| 1024            | 1024            | 1024            | 1024            |
| 115             | 115             | 135             | 150             |
| 135             | 135             | 165             | 170             |
| 3855            | 3890            | 4075            | 4135            |
| 3655            | 3690            | 3875            | 3935            |
| 4055            | 4090            | 4275            | 4335            |
| 2200            | 2230            | 2380            | 2440            |
| 715             | 715             | 780             | 780             |
| 16.5/18.0       | 16.0/17.5       | 16.0/17.5       | 16.5/18.0       |
| 0.61 / 0.64     | 0.61 / 0.64     | 0.49 / 0.50     | 0.41 / 0.42     |
| 0.51 / 0.43     | 0.51 / 0.43     | 0.51 / 0.42     | 0.43 / 0.30     |
| 16200/7000      | 16100/6700      | 15800/7900      | 14800/7400      |
| -/-             | -/-             | -/-             | -/-             |
| 31/16           | 27/15           | 22/15           | 18/13           |
| -/-             | -/-             | -/-             | -/-             |
| -/-             | -/-             | -/-             | -/-             |
| Hydraulic       | Hydraulic       | Hydraulic       | Hydraulic       |
| D04EG           | D04EG           | D04EG           | D04EG           |
| 36.0            | 36.0            | 36.0            | 36.0            |
| 2250            | 2250            | 2250            | 2250            |
| 4 / 3331        | 4 / 3331        | 4 / 3331        | 4 / 3331        |
| 177             | 177             | 177             | 177             |
| 1800            | 1800            | 1800            | 1800            |
| Powershift 1/1  | Powershift 1/1  | Powershift 1/1  | Powershift 1/1  |
| 180             | 180             | 180             | 180             |
| 75              | 75              | 73              | 73              |
| 78              | 78              | 78              | 78              |
| Pin             | Pin             | Pin             | Pin             |



$$Ast = Wa + x + l6 + a$$

Ast = Working aisle width with load

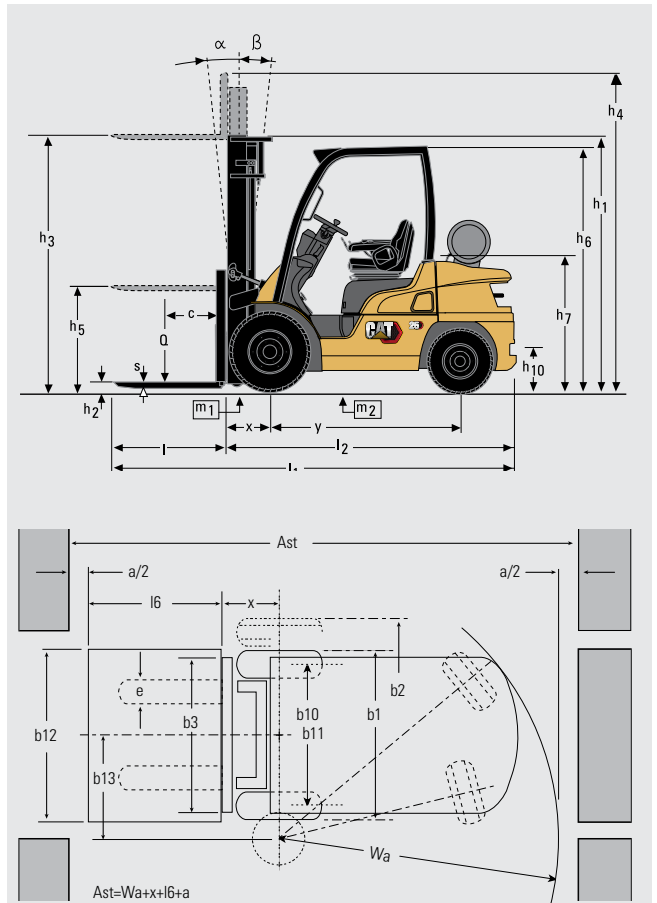
a = Safety clearance (200 mm)

l6 = Pallet length (800 or 1000 mm)

b12 = Pallet width (1200 mm)

| Characteristics     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| 1.1                 | Manufacturer (abbreviation)                                                          |
| 1.2                 | Manufacturer's model designation                                                     |
| 1.3                 | Power source: (battery, diesel, LPG, petrol)                                         |
| 1.4                 | Operator type: pedestrian, (operator) - standing, - seated                           |
| 1.5                 | Load capacity Q (kg)                                                                 |
| 1.6                 | Load centre distance c (mm)                                                          |
| 1.8                 | Load distance, axle to fork face x (mm)                                              |
| 1.9                 | Wheelbase y (mm)                                                                     |
| Weight              |                                                                                      |
| 2.1                 | Truck weight, without load / including battery (simplex mast, lowest lift height) kg |
| 2.2                 | Axle loading with maximum load, front / rear (simplex mast, lowest lift height) kg   |
| 2.3                 | Axle loading without load, front / rear (simplex mast, lowest lift height) kg        |
| Wheels, Drive Train |                                                                                      |
| 3.1                 | Tyres: V = solid, L = pneumatic, SE = solid pneumatic - front / rear                 |
| 3.2                 | Tyre dimensions, front                                                               |
| 3.3                 | Tyre dimensions, rear                                                                |
| 3.5                 | Number of wheels, front / rear (x = driven)                                          |
| 3.6                 | Track width (centre of tyres), front b10 (mm)                                        |
| 3.7                 | Track width (centre of tyres), rear b11 (mm)                                         |
| Dimensions          |                                                                                      |
| 4.1                 | Mast tilt, forwards/backwards $\partial/\beta$ °                                     |
| 4.2                 | Height with mast lowered (see tables) h1 (mm)                                        |
| 4.3                 | Free lift (see tables) h2 (mm)                                                       |
| 4.4                 | Lift height (see tables) h3 (mm)                                                     |
| 4.5                 | Overall height with mast raised h4 (mm)                                              |
| 4.7                 | Height to top of overhead guard h6 (mm)                                              |
| 4.8                 | Seat height h7 (mm)                                                                  |
| 4.12                | Tow coupling height h10 (mm)                                                         |
| 4.19                | Overall length l1 (mm)                                                               |
| 4.20                | Length to fork face (includes fork thickness) l2 (mm)                                |
| 4.21                | Overall width b1/b2 (mm)                                                             |
| 4.22                | Fork dimensions (thickness, width, length) s / e / l (mm)                            |
| 4.23                | Fork carriage to DIN 15 173 A/B/no                                                   |
| 4.24                | Fork carriage width b3 (mm)                                                          |
| 4.31                | Ground clearance under mast, with load m1 (mm)                                       |
| 4.32                | Ground clearance at center of wheelbase, with load (forks lowered) m2 (mm)           |
| 4.33                | Working aisle width with 1000 x1200 mm pallets, crosswise Ast (mm)                   |
| 4.34a               | Working aisle width with 800 x1200 mm pallets, crosswise Ast (mm)                    |
| 4.34b               | Working aisle width with 800 x1200 mm pallets, lengthwise Ast (mm)                   |
| 4.35                | Turning circle radius Wa (mm)                                                        |
| 4.36                | Minimum distance between centers of rotation b13 (mm)                                |
| Performance         |                                                                                      |
| 5.1                 | Travel speed, with / without load km / h                                             |
| 5.2                 | Lifting speed, with / without load m / s                                             |
| 5.3                 | Lowering speed, with / without load m / s                                            |
| 5.5                 | Rated drawbar pull, with / without load N                                            |
| 5.6                 | Maximum drawbar pull, with / without load (5 min short duty) N                       |
| 5.7                 | Gradeability, with / without load %                                                  |
| 5.8                 | Maximum gradeability with / without load %                                           |
| 5.9                 | Acceleration time (10 metres) with / without load s                                  |
| 5.10                | Service brakes (mechanical / hydraulic / electric / pneumatic)                       |
| IC Engine           |                                                                                      |
| 7.1                 | Manufacturer / Type                                                                  |
| 7.2                 | Rated / Nominal output to ISO 1585** kW                                              |
| 7.3                 | Rated speed to DIN 70 020 rpm                                                        |
| 7.4                 | Number of cylinders / cubic capacity cm³                                             |
| 7.6a                | Max torque Nm                                                                        |
| 7.7a                | Max torque at engine speed rpm                                                       |
| Miscellaneous       |                                                                                      |
| 8.1                 | Type of drive control                                                                |
| 10.1                | Maximum operating pressure for attachments bar                                       |
| 10.2                | Oil flow for attachments l / min                                                     |
| 10.7                | Noise level, value at operator's ear (EN 12053) dB (A)                               |
| 10.8                | Towing coupling design / DIN type, ref.                                              |

| Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks | Cat Lift Trucks |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| GP15P           | GP18P           | GP20CP          | GP20P           | GP25P           | GP30P           | GP35P           |
| LPG             | LPG             | LPG             | LPG             | LPG             | LPG             | LPG             |
| Seated          | Seated          | Seated          | Seated          | Seated          | Seated          | Seated          |
| 1500            | 1750            | 2000            | 2000            | 2500            | 3000            | 3500            |
| 500             | 500             | 500             | 500             | 500             | 500             | 500             |
| 400             | 400             | 415             | 455             | 460             | 495             | 495             |
| 1400            | 1400            | 1400            | 1600            | 1600            | 1700            | 1700            |
| 2530            | 2720            | 3040            | 3320            | 3600            | 4230            | 4620            |
| 3530 / 500      | 3900/570        | 4340/700        | 4630/690        | 5380/720        | 6410/820        | 7120/1000       |
| 1030/1500       | 980/1740        | 990/2050        | 1400/1920       | 1340/2260       | 1620/2610       | 1540/3080       |
| SE / SE         | SE / SE         | SE / SE         | SE / SE         | SE / SE         | SE / SE         | SE / SE         |
| 6.50-10         | 6.50-10         | 6.50-10         | 7.00-12         | 7.00-12         | 28x9-15         | 250-15          |
| 5.00-8          | 5.00-8          | 5.00-8          | 6.00-9          | 6.00-9          | 6.50-10         | 6.50-10         |
| 2x / 2          | 2x / 2          | 2x / 2          | 2x / 2          | 2x / 2          | 2x / 2          | 2x / 2          |
| 890             | 890             | 890             | 960             | 960             | 1060            | 1060            |
| 900             | 900             | 900             | 980             | 980             | 980             | 980             |
| 6/10            | 6/10            | 6/10            | 6/10            | 6/10            | 6/10            | 6/10            |
| 2140            | 2140            | 2140            | 2145            | 2145            | 2165            | 2280            |
| 115             | 115             | 115             | 140             | 140             | 140             | 140             |
| 3300            | 3300            | 3300            | 3300            | 3300            | 3300            | 3300            |
| 4355            | 4355            | 4355            | 4355            | 4355            | 4355            | 4355            |
| 2140            | 2140            | 2140            | 2145            | 2145            | 2165            | 2175            |
| 929             | 929             | 929             | 938             | 938             | 957             | 967             |
| 290             | 290             | 290             | 310             | 310             | 330             | 340             |
| 3360            | 3400            | 3455            | 3585            | 3660            | 3835            | 3895            |
| 2260            | 2300            | 2355            | 2485            | 2560            | 2735            | 2795            |
| 1065/-          | 1065/-          | 1065/-          | 1150 / 1640     | 1150 / 1640     | 1275/1710       | 1290/1710       |
| 35x100x1100     | 35x100x1100     | 40x100x1100     | 40x100x1100     | 40x100x1100     | 45x120x1100     | 45x120x1100     |
| 2A              | 2A              | 2A              | 2A              | 2A              | 3A              | 3A              |
| 940             | 940             | 940             | 1024            | 1024            | 1024            | 1024            |
| 110             | 110             | 110             | 115             | 115             | 135             | 150             |
| 135             | 135             | 135             | 135             | 135             | 165             | 170             |
| 3550            | 3580            | 3635            | 3855            | 3890            | 4075            | 4135            |
| 3350            | 3380            | 3435            | 3655            | 3690            | 3875            | 3935            |
| 3750            | 3780            | 3835            | 4055            | 4090            | 4275            | 4335            |
| 1950            | 1980            | 2020            | 2200            | 2230            | 2380            | 2440            |
| 555             | 555             | 555             | 715             | 715             | 780             | 780             |
| 19.0 / 19.5     | 19.0 / 19.5     | 19.0 / 19.5     | 18.5 / 19.0     | 18.5 / 19.0     | 18.0 / 18.5     | 18.5 / 19.0     |
| 0.64 / 0.64     | 0.64 / 0.64     | 0.64 / 0.64     | 0.59 / 0.59     | 0.59 / 0.59     | 0.51 / 0.50     | 0.43 / 0.42     |
| 0.52 / 0.44     | 0.52 / 0.44     | 0.52 / 0.44     | 0.51 / 0.43     | 0.51 / 0.43     | 0.51 / 0.42     | 0.43 / 0.30     |
| 14400 / 5100    | 14400 / 4800    | 14200 / 4900    | 14300 / 7000    | 14200 / 6800    | 18000 / 8300    | 17100 / 7700    |
| -/-             | -/-             | -/-             | -/-             | -/-             | -/-             | -/-             |
| 39 / 25         | 35 / 22         | 30 / 20         | 28 / 27         | 24 / 24         | 26 / 25         | 22 / 21         |
| -/-             | -/-             | -/-             | -/-             | -/-             | -/-             | -/-             |
| -/-             | -/-             | -/-             | -/-             | -/-             | -/-             | -/-             |
| Hydraulic       | Hydraulic       | Hydraulic       | Hydraulic       | Hydraulic       | Hydraulic       | Hydraulic       |
| Econtrols EK21  | Econtrols EK21  | Econtrols EK21  | Econtrols EK21  | Econtrols EK21  | Econtrols EK25  | Econtrols EK25  |
| 39              | 39              | 39              | 39              | 39              | 44              | 44              |
| 2700            | 2700            | 2700            | 2700            | 2700            | 2700            | 2700            |
| 4 / 2065        | 4 / 2065        | 4 / 2065        | 4 / 2065        | 4 / 2065        | 4 / 2488        | 4 / 2488        |
| 152             | 152             | 152             | 152             | 152             | 185             | 185             |
| 2200            | 2200            | 2200            | 2200            | 2200            | 1800            | 1800            |
| Powershift 1/1  | Powershift 1/1  | Powershift 1/1  | Powershift 1/1  | Powershift 1/1  | Powershift 1/1  | Powershift 1/1  |
| 180             | 180             | 180             | 180             | 180             | 180             | 180             |
| 60              | 60              | 60              | 73              | 73              | 73              | 73              |
| 79              | 79              | 79              | 79              | 79              | 79              | 79              |
| Pin             | Pin             | Pin             | Pin             | Pin             | Pin             | Pin             |



$$Ast = W_a + x + l_6 + a$$

Ast = Working aisle width with load

a = Safety clearance (200 mm)

$l_6$  = Pallet length (800 or 1000 mm)

$b_{12}$  = Pallet width (1200 mm)

| GP15P-GP18P |      |      |      |       | GP15P                  |  | GP18P                  |  |
|-------------|------|------|------|-------|------------------------|--|------------------------|--|
| Mast Type   | h3   | h1   | h4   | h2/h5 | Q @<br>c = 500mm<br>kg |  | Q @<br>c = 500mm<br>kg |  |
|             | mm   | mm   | mm   | mm    |                        |  |                        |  |
| Simplex     | 3000 | 1990 | 4055 | 115   | 1500                   |  | 1750                   |  |
|             | 3300 | 2140 | 4355 | 115   | 1500                   |  | 1750                   |  |
|             | 3500 | 2240 | 4555 | 115   | 1500                   |  | 1750                   |  |
|             | 3700 | 2340 | 4755 | 115   | 1500                   |  | 1750                   |  |
|             | 4000 | 2540 | 5055 | 115   | 1500                   |  | 1750                   |  |
|             | 4500 | 2790 | 5555 | 115   | 1425                   |  | 1700                   |  |
|             | 5000 | 3050 | 6055 | 115   | 1375                   |  | 1400                   |  |
|             | 5500 | 3300 | 6555 | 115   | 850                    |  | 850                    |  |
|             | 6000 | 3550 | 7055 | 115   | 525                    |  | 525                    |  |
|             | 6000 | 3550 | 7055 | 115   | 525                    |  | 525                    |  |
| Duplex      | 3000 | 1995 | 4055 | 975   | 1500                   |  | 1750                   |  |
|             | 3300 | 2140 | 4350 | 1120  | 1500                   |  | 1750                   |  |
|             | 3500 | 2260 | 4570 | 1240  | 1500                   |  | 1750                   |  |
|             | 4000 | 2585 | 5085 | 1565  | 1500                   |  | 1750                   |  |
| Triplex     | 3700 | 1790 | 4755 | 770   | 1500                   |  | 1750                   |  |
|             | 4000 | 1890 | 5055 | 870   | 1450                   |  | 1750                   |  |
|             | 4300 | 1990 | 5355 | 970   | 1425                   |  | 1700                   |  |
|             | 4700 | 2140 | 5755 | 1120  | 1375                   |  | 1625                   |  |
|             | 5000 | 2240 | 6055 | 1220  | 1325                   |  | 1325                   |  |
|             | 5500 | 2430 | 6555 | 1410  | 850                    |  | 850                    |  |
|             | 6000 | 2610 | 7055 | 1590  | 525                    |  | 525                    |  |
|             | 6500 | 2850 | 7555 | 1830  | 350                    |  | 350                    |  |
|             | 7000 | 3050 | 8055 | 2030  | 175                    |  | 175                    |  |
|             | 7000 | 3050 | 8055 | 2030  | 175                    |  | 175                    |  |

| DP/GP20P(3)-DP/GP25P(3) |      |      |      |       | DP/GP20P(3)            |  | DP/GP25P(3)            |  |
|-------------------------|------|------|------|-------|------------------------|--|------------------------|--|
| Mast Type               | h3   | h1   | h4   | h2/h5 | Q @<br>c = 500mm<br>kg |  | Q @<br>c = 500mm<br>kg |  |
|                         | mm   | mm   | mm   | mm    |                        |  |                        |  |
| Simplex                 | 3000 | 1995 | 4055 | 140   | 2000                   |  | 2500                   |  |
|                         | 3300 | 2145 | 4355 | 140   | 2000                   |  | 2500                   |  |
|                         | 3500 | 2245 | 4555 | 140   | 2000                   |  | 2500                   |  |
|                         | 3700 | 2345 | 4755 | 140   | 2000                   |  | 2500                   |  |
|                         | 4000 | 2545 | 5055 | 140   | 2000                   |  | 2500                   |  |
|                         | 4500 | 2795 | 5555 | 140   | 2000                   |  | 2500                   |  |
|                         | 5000 | 3065 | 6055 | 140   | 1950                   |  | 2400                   |  |
|                         | 5500 | 3315 | 6555 | 140   | 1850*                  |  | 2250*                  |  |
|                         | 6000 | 3565 | 7055 | 140   | 1800*                  |  | 2150*                  |  |
|                         | 6000 | 3565 | 7055 | 140   | 1800*                  |  | 2150*                  |  |
| Duplex                  | 3000 | 1995 | 4055 | 980   | 2000                   |  | 2500                   |  |
|                         | 3300 | 2145 | 4350 | 1130  | 2000                   |  | 2500                   |  |
|                         | 3500 | 2265 | 4585 | 1250  | 2000                   |  | 2500                   |  |
|                         | 4000 | 2590 | 5075 | 1575  | 2000                   |  | 2500                   |  |
| Triplex                 | 3700 | 1795 | 4755 | 780   | 2000                   |  | 2500                   |  |
|                         | 4000 | 1895 | 5055 | 880   | 2000                   |  | 2500                   |  |
|                         | 4300 | 1995 | 5355 | 980   | 2000                   |  | 2500                   |  |
|                         | 4700 | 2145 | 5755 | 1130  | 1950                   |  | 2400                   |  |
|                         | 5000 | 2245 | 6055 | 1230  | 1900                   |  | 2350                   |  |
|                         | 5500 | 2415 | 6555 | 1400  | 1800                   |  | 2200*                  |  |
|                         | 6000 | 2585 | 7055 | 1570  | 1750*                  |  | 2100*                  |  |
|                         | 6500 | 2795 | 7555 | 1780  | 1650*                  |  | 1750*                  |  |
|                         | 7000 | 3065 | 8055 | 2050  | 1250*                  |  | 1250*                  |  |
|                         | 7000 | 3065 | 8055 | 2050  | 1250*                  |  | 1250*                  |  |

| DP/GP30P(3) |      |      |      |       |                        | DP/GP35P(3) |                        |
|-------------|------|------|------|-------|------------------------|-------------|------------------------|
| Mast Type   | h3   | h1   | h4   | h2/h5 | Q @<br>c = 500mm<br>kg |             | Q @<br>c = 500mm<br>kg |
|             | mm   | mm   | mm   | mm    |                        |             |                        |
| Simplex     | 3000 | 2015 | 4055 | 140   | 3000                   |             | 3500                   |
|             | 3300 | 2165 | 4355 | 140   | 3000                   |             | 3500                   |
|             | 3500 | 2265 | 4555 | 140   | 3000                   |             | 3500                   |
|             | 3700 | 2365 | 4755 | 140   | 3000                   |             | 3500                   |
|             | 4000 | 2565 | 5055 | 140   | 3000                   |             | 3500                   |
|             | 4500 | 2815 | 5555 | 140   | 3000                   |             | 3500                   |
|             | 5000 | 3115 | 6055 | 140   | 2900                   |             | 3500                   |
|             | 5500 | 3365 | 6555 | 140   | 2750                   |             | 3500                   |
|             | 6000 | 3615 | 7055 | 140   | 2400*                  |             | 3500                   |
|             | 6000 | 3615 | 7055 | 140   | 2400*                  |             | 3500                   |
| Duplex      | 3000 | 2045 | 4055 | 1035  | 3000                   |             | 3500                   |
|             | 3300 | 2165 | 4305 | 1155  | 3000                   |             | 3500                   |
|             | 3500 | 2285 | 4545 | 1275  | 3000                   |             | 3500                   |
|             | 4000 | 2610 | 5065 | 1600  | 3000                   |             | 3500                   |
| Triplex     | 3700 | 1815 | 4755 | 805   | 3000                   |             | 3500                   |
|             | 4000 | 1915 | 5055 | 905   | 3000                   |             | 3500                   |
|             | 4300 | 2015 | 5355 | 1005  | 3000                   |             | 3500                   |
|             | 4700 | 2165 | 5755 | 1155  | 3000                   |             | 3500                   |
|             | 5000 | 2265 | 6055 | 1255  | 2900                   |             | 3500                   |
|             | 5500 | 2435 | 6555 | 1425  | 2750*                  |             | 3500                   |
|             | 6000 | 2605 | 7055 | 1595  | 2200*                  |             | 3500                   |
|             | 6500 | 2815 | 7555 | 1805  | 1750*                  |             | 3500                   |
|             | 7000 | 3115 | 8055 | 2105  | 1250*                  |             | 3500                   |
|             | 7000 | 3115 | 8055 | 2105  | 1250*                  |             | 3500                   |

| GP20CP    |      |      |      |       |                        |
|-----------|------|------|------|-------|------------------------|
| Mast Type | h3   | h1   | h4   | h2/h5 | Q @<br>c = 500mm<br>kg |
|           | mm   | mm   | mm   | mm    |                        |
| Simplex   | 3000 | 1990 | 4055 | 115   | 2000                   |
|           | 3300 | 2140 | 4355 | 115   | 2000                   |
|           | 3500 | 2240 | 4555 | 115   | 2000                   |
|           | 3700 | 2340 | 4755 | 115   | 2000                   |
|           | 4000 | 2540 | 5055 | 115   | 2000                   |
|           | 4500 | 2790 | 5555 | 115   | 1950                   |
|           | 5000 | 3050 | 6055 | 115   | 1400                   |
|           | 5000 | 3050 | 6055 | 115   | 1400                   |
|           | 5000 | 3050 | 6055 | 115   | 1400                   |
|           | 5000 | 3050 | 6055 | 115   | 1400                   |
| Duplex    | 3000 | 1995 | 4055 | 975   | 2000                   |
|           | 3300 | 2140 | 4350 | 1120  | 2000                   |
|           | 3500 | 2260 | 4570 | 1240  | 2000                   |
|           | 4000 | 2585 | 5085 | 1565  | 2000                   |
| Triplex   | 3700 | 1790 | 4755 | 770   | 2000                   |
|           | 4000 | 1890 | 5055 | 870   | 2000                   |
|           | 4300 | 1990 | 5355 | 970   | 1950                   |
|           | 4700 | 2140 | 5755 | 1120  | 1900                   |
|           | 5000 | 2240 | 6055 | 1220  | 1400                   |

## Mast Performance and Capacity

- h1 Height with mast lowered
- h2 Standard free lift
- h3 Lift height
- h4 Height with mast raised
- h5 Full free lift
- Q Lifting capacity, rated load
- c Load centre (distance)

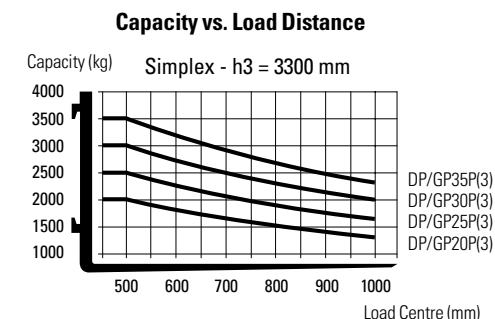
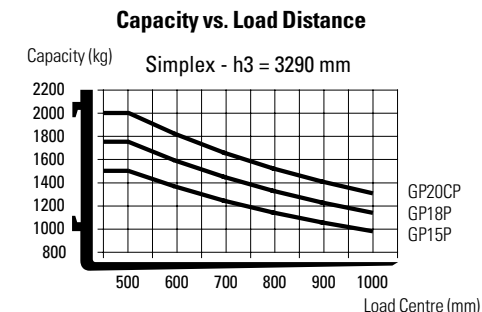
### GP15-20CP

All dimensions include load backrest. In case load backrest is not used h5 will increase by 410 mm, while h4 will decrease by 410 mm.

### DP/GP20-35P(3)

All dimensions include load backrest. In case load backrest is not used h5 will increase by 390 mm (20P(3), 25P(3)), 350 mm (30P(3)), 240 mm (35P(3)), while h4 will decrease by 390 mm (20P(3), 25P(3)), 350 mm (30P(3)), 240 mm (35P(3)).

The capacities are applicable for pneumatic shaped solid tyres (SE).  
\* Capacities shown require truck equipped with dual tyres. Consult your dealer for the maximum back tilt allowed, to obtain the capacities specified.



[info@catlifttruck.com](mailto:info@catlifttruck.com) | [www.catlifttruck.com](http://www.catlifttruck.com)

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