UNITED
Forklift and
Access Solutions

Cat® IC Forklifts

1.5-3.5 Tonne

LIFT YOUR GAME

Cat® IC Forklifts

Built tough, reliable, and loaded with smart features, the new Cat P-Series IC forklift delivers strength and performance to handle the demands of everyday lifting applications, whether you're in logistics, manufacturing, agriculture, mining, or something in between.

With lift capacities ranging from 1.5 to 3.5 tonnes, the P-Series delivers smooth steering and unrivaled maneuvering, together with fast lifting and travel speeds. With the Cat P-Series IC forklift, you get durability, precise control, and peak efficiency, empowering your team to tackle any lifting challenge with confidence and ease.

Watch Product Video

SCAN ME

CAT Lift Trucks

Your Materials Handling Partner

As the Cat® Lift Trucks dealer for Australia, United are committed to providing tailored and cost-effective materials handling solutions to suit your business. We do this by offering the complete Cat product range backed up by a dedicated national support network.

United Cat Lift Truck Awards

Number 1 Global Dealer in Lift Trucks
Internal Combustion Trucks - 2020

Dealer of Excellence
2012-13, 2014-15, 2016-17, 2018-19, 2020-21, 2023-24

Top Parts Sales
2012-13, 2014-15, 2016-17, 2018-19, 2020-21, 2023-24

Top Market Share - Electric & Warehouse Trucks
2016-17, 2018-19, 2020-21, 2023-24

PERFORMANCE

Fast Lift Speeds

The forklift delivers smooth, responsive and fast lift speeds — up to 640 mm/s when loaded and 660 mm/s when unloaded — for quicker, more efficient material handling.

Self Synchronising Steering

Steering in tight aisles and containers can be tricky. The Cat P-Series includes a steering synchroniser that automatically keeps the wheels aligned in a straight direction without the operator needing to self correct. Furthermore, full hydraulic power steering ensures steering is much smoother and effortless.

Safety Speed Limiter*

A built-in speed limiter allows the maximum speed to be programmed to suit business needs. A dash speed switch also allows operators to switch between High and Low speed settings to suit site conditions.

Power / Efficiency Mode*

The operator can select two drive modes to suit the task. POWER mode for optimising performance and SOFT mode for prioritising efficiency by reducing fuel use and noise, as well as cutting emissions by about 13%.

Full Colour LCD Display

The new full colour dash display puts everything you need in clear view - speed, fuel level, load weight, and alerts. It also shows service reminders that can help reduce the risk of breakdowns and expensive repairs.

Pin Code Access

To prevent unauthorised use and enhance workplace safety, a PIN start system can be setup, requiring a four-digit PIN to operate the forklift.

High Performance Diesel Engine

The Cat P-Series diesel engine delivers proven power and reliability, while also being more environmentally friendly. It uses less fuel without losing horsepower, and runs quieter and smoother with less vibrations.

*Standard on LPG/Petrol models only.

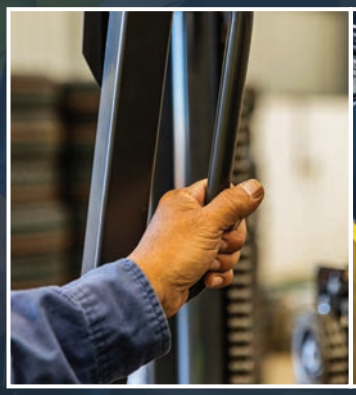
SAFETY

Auto Lift Lock

When the machine is turned off, the forks automatically lock and stay in place even if the lift lever is accidentally moved.

Wide Step & Large Hand Grip

A wide, anti-slip step and large hand grip makes it easy to get on and off the forklift safely, while the textured rubber floor mat helps prevent slipping.



LED Lighting

Bright front LED lights make it safer to work at night and in low-light conditions. They are also resistant to damage caused by vibrations, ensuring a longer service life.

Presence Detection System (PDS)

Complying with Australian Standard AS2359, the PDS safety system prevents use of the forklift until the operator has completed a sequence of steps in the following order: 1. Engaging the handbrake, 2. Sitting in the seat, 3. Turning on the ignition, 4. Fastening the seatbelt and 5. Disengaging the handbrake. These steps must be repeated every time the handbrake is engaged or the ignition is switched off.

Double Action Parking Brake

To release the brake, the operator must push a button and move the handle forward. This prevents the brake from being accidentally released. Pulling the handle back quickly and easily sets the brake again.

Digital Load Indicator

Featured clearly on the LCD display, the load indicator provides operators with real-time monitoring of the load weight during lifting operations. An additional audible alarm can also be setup to alert operators when there is risk of overloading*.

*This feature requires United to switch on and preset the overload value.

COMFORT

Best in Class Visibility

The forklift's excellent all-round visibility makes operation easier and less stressful. Cat's unique wide view mast also offers clean lines of sight to the load, allowing for more accurate and safer handling.

Spacious Cabin

The clear, open dash provides operators with a clear view of the screen and easy access to all controls. The generous floor space also provides plenty of legroom during long shifts. This smart design enhances comfort, reduces strain, and helps operators work more accurately and confidently.

Steering Memory Lock Position

The adjustable steering column can tilt 12 degrees, allowing operators to choose their ideal driving position, which is saved to memory. When the steering column is shifted to open and close the engine compartment, the steering will automatically return to the saved position for convenience.

Full Suspension Seat

The contoured suspension provides enhanced comfort when working long shifts. Operators can adjust the weight, position, and lumbar support to suit their needs. The seat also includes a seatbelt and safety switch which is part of the Presence Detection System (PDS).

Acrylic Roof

The addition of an acrylic roof with UV protection enhances operator comfort when working outdoors.

Ergonomic Design

The Cat P-Series provides a quieter and more comfortable work environment, thanks to a low-noise engine, better engine soundproofing, and reduced floor-level noise.

SERVICE

Electronic Management System (EMS)
The EMS continuously monitors the critical systems to ensure the forklift operates at peak performance. Its advanced on-board diagnostics also makes problem identification and troubleshooting easier.

Upgraded Design Improvements
New features enhance overall durability and include a direct mounted cooling fan, hydraulic pump and under chassis protection. Furthermore, extended 500 hour service intervals help lower operating costs.

Easy Accessibility for Servicing
No specialty tools are required to remove the floor plate and side covers. This provides quick access to the engine compartment and transmission for easy maintenance and servicing.

Warranty
Cat IC forklifts are backed by a 3 year / 3000 hour manufacturer warranty for complete peace of mind.

3 YEARS 3000 HOURS WARRANTY

OPTIONS

Laser Pointer
A laser pointer, mounted under the carriage, enables easier fork positioning when handling pallets on racking.

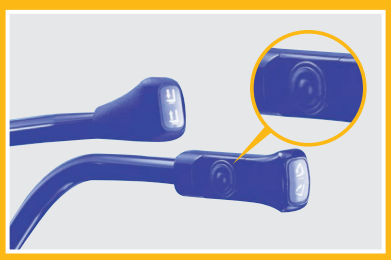
Auto Engine Cut-Off
The system automatically turns off the engine after sitting in idle for a set period of time, helping to save fuel, and reduce emissions.

Fingertip Control
Fingertip controls allow operators to easily perform lifting, tilting and forward/reverse functions while resting their arm.

Smooth-Run System
Utilising an accumulator mounted under the floor plate, the system helps reduce load vibration during lifting and driving, which prevents the load from shifting or collapsing.

Blue Safety Light
A blue safety light can be installed at the front and rear of the forklift to warn pedestrians and operators of a forklift's presence, particularly around blind spots and aisles.

Dual Fuel EFI Model
The 1.5–3.5 tonne pneumatic forklifts feature a Dual-Fuel (Gasoline + LPG) system with EFI that provides better fuel savings, lower emissions, and reliable operation in all conditions.

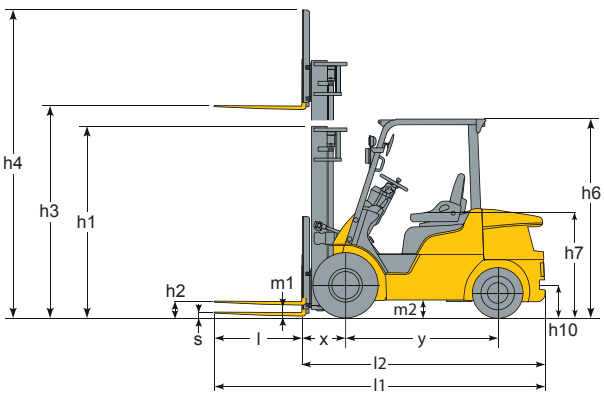


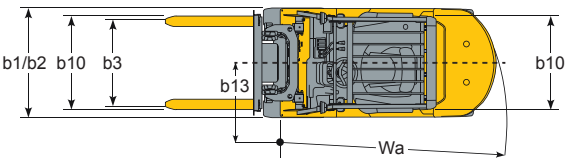
Tilt Horizontal Control
The horizontal tilt control button enables tilt forward stops at the horizontal position of the fork. By pressing the button while operating the tilt lever, difficult horizontal manoeuvres can be easily performed.

Wheel Spin Suppression (EFI)
The throttle is designed to respond gradually, so pressing the pedal all the way doesn't give a sudden burst of power. This makes acceleration smoother, improves handling and helps save fuel.

DIESEL SPECIFICATIONS

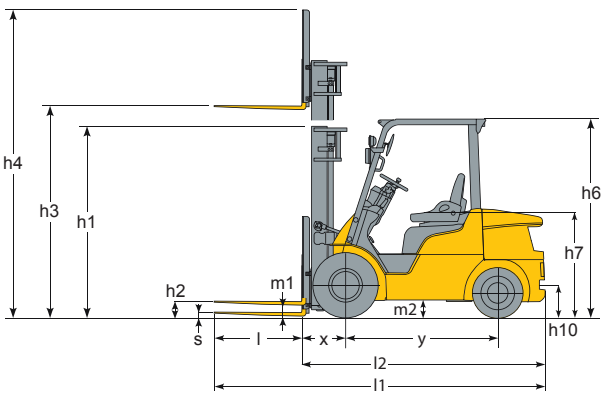
	CHARACTERISTICS						
1.1	Manufacturer (abbreviation)			**CAT**	**CAT**	**CAT**	**CAT**
1.2	Manufacturer's model designation			**DP15P(T)(D)**	**DP18P(T)(D)**	**DP20C(T)(D)**	**DP20P(T)(D)**
1.3	Power source: Battery, Diesel. LPG, Petrol			Diesel	Diesel	Diesel	Diesel
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	Seated
1.5	Load capacity	Q	kg	1500	1750	2000	2000
1.6	Load center distance	c	mm	500	500	500	500
1.7	Load distance, axle to fork face	x	mm	400	400	415	455
1.8	Wheelbase	y	mm	1400	1400	1400	1600
	WEIGHTS						
2.1	Truck weight without load / including battery (simplex mast, lowest lift height)		kg	2530	2720	3030	3380
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	3520/510	3880/590	4330/700	4640/740
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1060/1470	1000/1720	1020/2010	1450/1930
	WHEELS, DRIVE TRAIN						
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L / L	L / L	SE / SE	L / L
3.2	Tyre dimensions, front			6.50-10	6.50-10	6.50-10/5.00	7.00-12
3.3	Tyre dimensions, rear			5.00-8	5.00-8	5.00-8/3.00	6.00-9
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2	2x / 2
3.5	Track width (center of tyres), front	b10	mm	890	890	890	960
3.6	Track width (center of tyres), rear	b11	mm	900	900	900	980
	DIMENSIONS						
4.1	Mast tilt, forwards/backwards	∂/ß	°	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	1990	1990	1990	1990
4.3	Free lfit (see tables)	h2	mm	115	115	120	140
4.4	Lift height (see tables)	h3	mm	3000	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055	4055
4.6	Height to top of overhead guard	h6	mm	2065	2065	2065	2074
4.7	Seat height	h7	mm	929	929	929	938
4.8	Tow coupling height	h10	mm	290	290	290	310
4.9	Overall length	l1	mm	3180	3220	3275	3405
4.10	Length to fork face (includes fork thickness)	l2	mm	2260	2300	2355	2485
4.11	Overall width	b1/b2	mm	1065 / 1480	1065 / 1480	1065 / -	1150 / 1640
4.12	Fork dimensions (thickness, width, length)	s/e/l	mm	35x100x920	35x100x920	45x100x920	45x100x920
4.13	Fork carriage to DIN 15 173 A/B/no			2A	2A	2A	2A
4.14	Fork carriage width	b3	mm	920	920	920	1000
4.15	Ground clearance under mast, with load	m1	mm	110	110	110	115
4.16	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	150	150	150	160
4.17	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	3550	3580	3635	3855
4.18	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3350	3380	3435	3655
4.19	Working aisle width with 800 x 1200 mm pallets, lengthwise			3750	3780	3835	4055
4.20	Turning circle radius	Wa	mm	1950	1980	2020	2200
4.21	Minimum distance between centers of rotation	b13	mm	555	555	555	715
	PERFORMANCE						
5.1	Travel speed, with/without load		km/h	18.5/19.0	18.5/19.0	18.5/19.0	18.0/18.5
5.2	Lifting speed, with/without load		m/s	0.64/0.66	0.64/0.64	0.64/0.66	0.61/0.64
5.3	Lowering speed, with/without load		m/s	0.52/0.45	0.52/0.45	0.52/0.45	0.51/0.45
5.4	Rated drawbar pull, with/without load		N	12800/6800	12700/6500	12600/6500	15800/9400
5.5	Gradeability, with load		s	34	30	26	31
5.6	Service brakes (mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	IC Engine						
6.1	Manufacturer / Type			S4Q2	S4Q2	S4Q2	S4S
6.2	Rated / Nominal output to ISO 1585**		kW	30.0	30.0	30.0	38.1
6.3	Rated speed to DIN 70 020		rpm	2500	2500	2500	2250
6.4	Number of cylinders / cubic capacity		cm^3	4 / 2505	4 / 2505	4 / 2505	4 / 3331
6.5	Fuel consumption according to VDI 80 cycle		l/h / kg/h	2.30/-	2.35/-	2.35/-	2.55/-
6.6	Max torque		Nm	131	131	131	185
6.7	Max torque at engine speed		rpm	1800	1800	1800	1700
	MISCELLANEOUS						
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1
7.2	Maximum operating pressure for attachments		bar	180	180	180	180
7.3	Oil flow for attachments		l/min	62	62	62	75
7.4	Noise level, value at operator's ear (EN 12053)		dB(A)	80	80	80	78
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin	pin

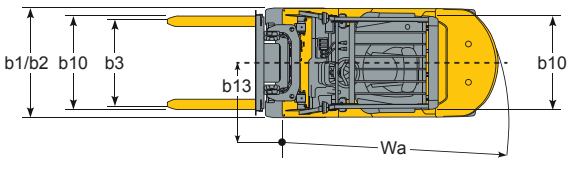




DIESEL SPECIFICATIONS

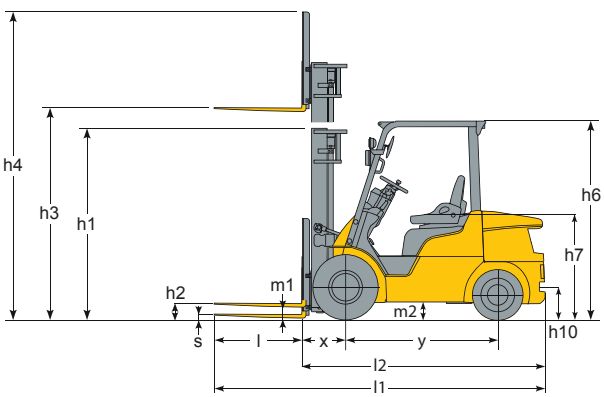
	CHARACTERISTICS					
1.1	Manufacturer (abbreviation)			**CAT**	**CAT**	**CAT**
1.2	Manufacturer's model designation			**DP25P(T)(D)**	**DP30P(T)(D)**	**DP35P(T)(D)**
1.3	Power source: Battery, Diesel, LPG, Petrol			Diesel	Diesel	Diesel
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated
1.5	Load capacity	Q	kg	2500	3000	3500
1.6	Load center distance	c	mm	500	500	500
1.7	Load distance, axle to fork face	x	mm	460	495	495
1.8	Wheelbase	y	mm	1600	1700	1700
	WEIGHTS					
2.1	Truck weight without load / including battery (simplex mast, lowest lift height)		kg	3680	4350	4740
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	5430/750	6510/840	7220/1020
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1430/2250	1750/2600	1670/3070
	WHEELS, DRIVE TRAIN					
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L / L	L / L	L / L
3.2	Tyre dimensions, front			7.00-12	28x9-15	250-15
3.3	Tyre dimensions, rear			6.00-9	6.50-10	6.50-10
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2
3.5	Track width (center of tyres), front	b10	mm	960	1060	1060
3.6	Track width (center of tyres), rear	b11	mm	980	980	980
	DIMENSIONS					
4.1	Mast tilt, forwards/backwards	∂/ß	°	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	1990	2015	2130
4.3	Free lfit (see tables)	h2	mm	140	145	145
4.4	Lift height (see tables)	h3	mm	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055
4.6	Height to top of overhead guard	h6	mm	2074	2093	2103
4.7	Seat height	h7	mm	938	988	988
4.8	Tow coupling height	h10	mm	310	330	340
4.9	Overall length	l1	mm	3480	3805	3865
4.10	Length to fork face (includes fork thickness)	l2	mm	2560	2735	2795
4.11	Overall width	b1/b2	mm	1150 / 1640	1275 / 1710	1290 / 1710
4.12	Fork dimensions (thickness, width, length)	s/e/l	mm	45x100x920	45x122x1070	45x122x1070
4.13	Fork carriage to DIN 15 173 A/B/no			2A	3A	3A
4.14	Fork carriage width	b3	mm	1000	1000	1000
4.15	Ground clearance under mast, with load	m1	mm	115	135	150
4.16	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	160	190	200
4.17	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	3890	4075	4135
4.18	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3690	3875	3935
4.19	Working aisle width with 800 x 1200 mm pallets, lengthwise			4090	4275	4335
4.20	Turning circle radius	Wa	mm	2230	2380	2440
4.21	Minimum distance between centers of rotation	b13	mm	715	780	780
	PERFORMANCE					
5.1	Travel speed, with/without load		km/h	18.0/18.5	17.5/18.0	18.0/18.5
5.2	Lifting speed, with/without load		m/s	0.61/0.64	0.49/0.50	0.41/0.42
5.3	Lowering speed, with/without load		m/s	0.51/0.45	0.51/0.41	0.43/0.31
5.4	Rated drawbar pull, with/without load		N	15600/9300	15700/11200	14900/10500
5.5	Gradeability, with load		s	27	22	19
5.6	Service brakes (mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic
	IC Engine					
6.1	Manufacturer / Type			S4S	S4S	S4S
6.2	Rated / Nominal output to ISO 1585**		kW	38.1	38.1	38.1
6.3	Rated speed to DIN 70 020		rpm	2250	2250	2250
6.4	Number of cylinders / cubic capacity		cm^3	4 / 3331	4 / 3331	4 / 3331
6.5	Fuel consumption according to VDI 80 cycle		l/h / kg/h	3.20/-	3.40/-	3.50/-
6.6	Max torque		Nm	185	185	185
6.7	Max torque at engine speed		rpm	1700	1700	1700
	MISCELLANEOUS					
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1
7.2	Maximum operating pressure for attachments		bar	180	180	180
7.3	Oil flow for attachments		l/min	75	73	73
7.4	Noise level, value at operator's ear (EN 12053)		dB(A)	78	78	78
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin

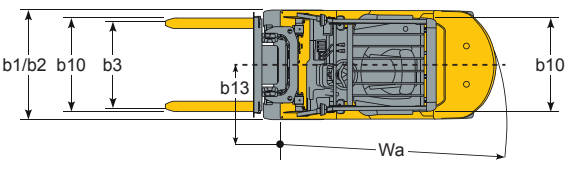




LPG SPECIFICATIONS

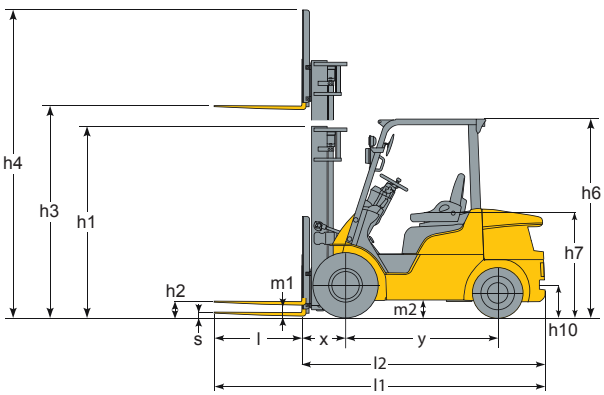
	CHARACTERISTICS							
1.1	Manufacturer (abbreviation)			**CAT**	**CAT**	**CAT**	**CAT**	**CAT**
1.2	Manufacturer's model designation			**GP15P(T)(D)**	**GP18P(T)(D)**	**GP20CP(T)(D)**	**GP20P(T)(D)**	**GP20P(T)(D)H**
1.3	Power source: Battery, Diesel, LPG, Petrol			Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	Seated	Seated
1.5	Load capacity	Q	kg	1500	1750	2000	2000	2000
1.6	Load center distance	c	mm	500	500	500	500	500
1.7	Load distance, axle to fork face	x	mm	400	400	415	455	455
1.8	Wheelbase	y	mm	1400	1400	1400	1600	1600
	WEIGHTS							
2.1	Truck weight without load / including battery (simplex mast, lowest lift height)		kg	2490	2690	3010	3300	3300
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	3510/460	3870/540	4320/660	4600/670	4600/670
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1040/1430	990/1670	1010/1970	1410/1860	1410/1860
	WHEELS, DRIVE TRAIN							
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L / L	L / L	SE / SE	L / L	L / L
3.2	Tyre dimensions, front			6.50-10	6.50-10	6.50-10/5.00	7.00-12	7.00-12
3.3	Tyre dimensions, rear			5.00-8	5.00-8	5.00-8/3.00	6.00-9	6.00-9
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2	2x / 2	2x / 2
3.5	Track width (center of tyres), front	b10	mm	890	890	890	890	890
3.6	Track width (center of tyres), rear	b11	mm	900	900	900	900	900
	DIMENSIONS							
4.1	Mast tilt, forwards/backwards	∂/ß	°	6/12	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	1990	1990	1990	1990	1990
4.3	Free lfit (see tables)	h2	mm	115	115	120	140	140
4.4	Lift height (see tables)	h3	mm	3000	3000	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055	4055	4055
4.6	Height to top of overhead guard	h6	mm	2065	2065	2065	2074	2074
4.7	Seat height	h7	mm	929	929	929	938	938
4.8	Tow coupling height	h10	mm	290	290	290	310	310
4.9	Overall length	l1	mm	3180	3220	3275	3405	3405
4.10	Length to fork face (includes fork thickness)	l2	mm	2260	2300	2355	2485	2485
4.11	Overall width	b1/b2	mm	1065/-	1065/-	1065/-	1150 / 1640	1150 / 1640
4.12	Fork dimensions (thickness, width, length)	s/e/l	mm	35x100x920	35x100x920	45x100x920	45x100x920	45x100x920
4.13	Fork carriage to DIN 15 173 A/B/no			2A	2A	2A	2A	2A
4.14	Fork carriage width	b3	mm	920	920	920	1000	1000
4.15	Ground clearance under mast, with load	m1	mm	110	110	110	115	115
4.16	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	150	150	150	160	160
4.17	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	3550	3580	3635	3855	3855
4.18	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3350	3380	3435	3655	3655
4.19	Working aisle width with 800 x 1200 mm pallets, lengthwise			3750	3780	3835	4055	4055
4.20	Turning circle radius	Wa	mm	1950	1980	2020	2200	2200
4.21	Minimum distance between centers of rotation	b13	mm	555	555	555	715	715
	PERFORMANCE							
5.1	Travel speed, with/without load		km/h	19.0/19.5	19.0/19.5	19.0/19.5	18.5/19.0	18.5/19.0
5.2	Lifting speed, with/without load		m/s	0.63/0.64	0.63/0.64	0.63/0.64	0.58/0.58	0.64/0.64
5.3	Lowering speed, with/without load		m/s	0.52/0.45	0.52/0.45	0.52/0.45	0.51/0.45	0.51/0.45
5.4	Rated drawbar pull, with/without load		N	14600/6800	14600/6400	14400/6500	14700/9100	17300/9100
5.5	Gradeability, with load		s	40	36	31	30	35
5.6	Service brakes (mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	IC Engine							
6.1	Manufacturer / Type			GK21	GK21	GK21	GK21	GK25
6.2	Rated / Nominal output to ISO 1585**		kW	36.0	36.0	36.0	36.0	42.0
6.3	Rated speed to DIN 70 020		rpm	2700	2700	2700	2700	2700
6.4	Number of cylinders / cubic capacity		cm^3	4 / 2065	4 / 2065	4 / 2065	4 / 2065	4 / 2488
6.5	Fuel consumption according to VDI 60 cycle		l/h / kg/h	- / 2.70	- / 3.00	- / 3.40	- / 3.60	- / 3.90
6.6	Max torque		Nm	149	149	149	149	185
6.7	Max torque at engine speed		rpm	1800	1800	1800	1800	1400
	MISCELLANEOUS							
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1
7.2	Maximum operating pressure for attachments		bar	180	180	180	180	180
7.3	Oil flow for attachments		l/min	60	60	60	60	60
7.4	Noise level, value at operator's ear (EN 12053)		dB(A)	79	79	79	79	79
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin	pin	pin

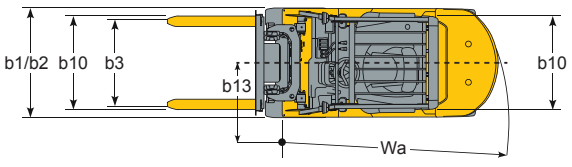




LPG SPECIFICATIONS

	CHARACTERISTICS						
1.1	Manufacturer (abbreviation)			**CAT**	**CAT**	**CAT**	**CAT**
1.2	Manufacturer's model designation			**GP25P(T)(D)**	**GP25P(T)(D)H**	**GP30P(T)(D)**	**GP35P(T)(D)**
1.3	Power source: Battery, Diesel. LPG, Petrol			Petrol/LPG	Petrol/LPG	Petrol/LPG	Petrol/LPG
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	Seated
1.5	Load capacity	Q	kg	2500	2500	3000	3500
1.6	Load center distance	c	mm	500	500	500	500
1.7	Load distance, axle to fork face	x	mm	460	460	495	495
1.8	Wheelbase	y	mm	1600	1600	1700	1700
	WEIGHTS						
2.1	Truck weight without load / including battery (simplex mast, lowest lift height)		kg	3600	3600	4240	4630
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	5390/680	5390/680	6470/770	7180/950
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1390/2180	1390/2180	1710/2530	1630/3000
	WHEELS, DRIVE TRAIN						
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear			L / L	L / L	L / L	L / L
3.2	Tyre dimensions, front			7.00-12	7.00-12	28x9-15	250 -15
3.3	Tyre dimensions, rear			6.00-9	6.00-9	6.50-10	6.50-10
3.4	Number of wheels, front/rear (x=driven)			2x / 2	2x / 2	2x / 2	2x / 2
3.5	Track width (center of tyres), front	b10	mm	960	960	1060	1060
3.6	Track width (center of tyres), rear	b11	mm	980	980	980	980
	DIMENSIONS						
4.1	Mast tilt, forwards/backwards	∂/ß	°	6/12	6/12	6/12	6/12
4.2	Height with mast lowered (see tables)	h1	mm	1990	1990	2015	2130
4.3	Free lfit (see tables)	h2	mm	140	140	145	145
4.4	Lift height (see tables)	h3	mm	3000	3000	3000	3000
4.5	Overall height with mast raised	h4	mm	4055	4055	4055	4055
4.6	Height to top of overhead guard	h6	mm	2074	2074	2093	2103
4.7	Seat height	h7	mm	938	938	988	988
4.8	Tow coupling height	h10	mm	310	310	330	340
4.9	Overall length	l1	mm	3480	3480	3805	3865
4.10	Length to fork face (includes fork thickness)	l2	mm	2560	2560	2735	2795
4.11	Overall width	b1/b2	mm	1150 / 1640	1150 / 1640	1275 / 1710	1290 / 1710
4.12	Fork dimensions (thickness, width, length)	s/e/l	mm	45x100x920	45x100x920	45x122x1070	45x122x1070
4.13	Fork carriage to DIN 15 173 A/B/no			2A	2A	3A	3A
4.14	Fork carriage width	b3	mm	1000	1000	1000	1000
4.15	Ground clearance under mast, with load	m1	mm	115	115	135	150
4.16	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	160	160	190	200
4.17	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	3890	3890	4075	4135
4.18	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3690	3690	3875	3935
4.19	Working aisle width with 800 x 1200 mm pallets, lengthwise			4090	4090	4275	4335
4.20	Turning circle radius	Wa	mm	2230	2230	2380	2440
4.21	Minimum distance between centers of rotation	b13	mm	715	715	780	780
	PERFORMANCE						
5.1	Travel speed, with/without load		km/h	18.5/19.0	18.5/19.0	18.0/18.5	18.5/19.0
5.2	Lifting speed, with/without load		m/s	0.58/0.58	0.64/0.64	0.51/0.50	0.43/0.42
5.3	Lowering speed, with/without load		m/s	0.51/0.45	0.51/0.45	0.51/0.41	0.43/0.31
5.4	Rated drawbar pull, with/without load		N	14500/9000	17100/9100	17400/10900	16600/10400
5.5	Gradeability, with load		s	25	30	25	21
5.6	Service brakes (mechanical/hydraulic/electric/pneumatic			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	IC Engine						
6.1	Manufacturer / Type			GK21	GK25	GK25	GK25
6.2	Rated / Nominal output to ISO 1585**		kW	36.0	42.0	42.0	42.0
6.3	Rated speed to DIN 70 020		rpm	2700	2700	2700	2700
6.4	Number of cylinders / cubic capacity		cm^3	4 / 2065	4 / 2488	4 / 2488	4 / 2488
6.5	Fuel consumption according to VDI 60 cycle		l/h / kg/h	- / 4.10	- / 4.50	- / 5.30	- / 6.00
6.6	Max torque		Nm	149	185	185	185
6.7	Max torque at engine speed		rpm	1800	1400	1400	1400
	MISCELLANEOUS						
7.1	Type of drive control			Powershift 1/1	Powershift 1/1	Powershift 1/1	Powershift 1/1
7.2	Maximum operating pressure for attachments		bar	180	180	180	180
7.3	Oil flow for attachments		l/min	60	60	60	60
7.4	Noise level, value at operator's ear (EN 12053)		dB(A)	79	79	79	79
7.5	Towing coupling design / DIN type, ref.			pin	pin	pin	pin





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