



Characteristics		
1.1	Manufacturer (abbreviation)	Cat Lift Trucks
1.2	Manufacturer's model designation	DP30NT
1.3	Power source: (battery, diesel, LP gas, petrol)	Diesel
1.4	Operator type: pedestrian, (operator)-standing, -seated	Seated
1.5	Load capacity	Q (kg) 3000
1.6	Load centre distance	c (mm) 500
1.8	Load distance, axle to fork face	x (mm) 495
1.9	Wheelbase	y (mm) 1700
Weight		
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)	kg 4350
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)	kg 6510/840
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)	kg 1750/2600
Wheels, Drive Train		
3.1	Tyres: V=solid	V=solid
3.2	Tyre dimensions, front	28x9-15-12PR
3.3	Tyre dimensions, rear	6.50-10-10PR
3.5	Number of wheels, front/rear (x=driven)	2x / 2
3.6	Track width (centre of tyres), front	b10 (mm) 1060
3.7	Track width (centre of tyres), rear	b11 (mm) 980
Dimensions		
4.1	Mast tilt, forwards/backwards	∂/β ° 6 / 12
4.2	Height with mast lowered (see tables)	h1 (mm) 2165
4.3	Free lift (see tables)	h2 (mm) 145
4.4	Lift height (see tables)	h3 (mm) 4700
4.5	Overall height with mast raised	h4 (mm) 5755
4.7	Height to top of overhead guard	h6 (mm) 2093
4.8	Seat height	h7 (mm) 988
4.12	Tow coupling height	h10 (mm) 330
4.19	Overall length	l1 (mm) 3805
4.20	Length to fork face (includes fork thickness)	l2 (mm) 2735
4.21	Overall width	b1/b2 (mm) 1275/1710
4.22	Fork dimensions (thickness, width, length)	s, e, l (mm) 45x122x1070
4.23	Fork carriage to DIN 15 173 A/B/no	3A
4.24	Fork carriage width	b3 (mm) 1000
4.31	Ground clearance under mast, with load	m1 (mm) 135
4.32	Ground clearance at centre of wheelbase, with load (forks lowered)	m2 (mm) 190
4.33	Working aisle width with 1000 x1200 mm pallets, crosswise	Ast (mm) 4070
4.34	Working aisle width with 800 x1200 mm pallets, crosswise	Ast (mm) 3870
4.35	Turning circle radius	Wa (mm) 2380
4.36	Minimum distance between centers of rotation	b13 (mm) 780
Performance		
5.1	Travel speed, with/without load	km/h 19 / 19.5
5.2	Lifting speed, with/without load	m/s 0.50 / 0.53
5.3	Lowering speed, with/without load	m/s 0.53 / 0.50
5.5	Rated drawbar pull, with/without load	N 17500/17500
5.7	Gradeability, with/without load	% 25/44
5.9	Acceleration time (10 metres) with/without load	s -
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)	Hydraulic
I.C. Engine		
7.1	Manufacturer / Type	S4S
7.2	Rated output to ISO 1585	kW 38.1
7.3	Rated speed to DIN 70 020	rpm 2250
7.4	Number of cylinders / cubic capacity	/cm³ 4 / 3331
7.5	Fuel consumption according to VDI 60 cycle	l/h / kg/h 3.40 / -
Miscellaneous		
8.1	Type of drive control	Powershift/1
8.2	Operating pressure for attachments	bar 180
8.3	Oil flow for attachments	l/min 73
8.4	Noise level, value at operator's ear (EN 12053)	dB(A) 78
8.5	Towing coupling design / DIN type, ref.	Pin

$A_{st} = W_a + x + l_6 + a$
 A_{st} = Working aisle width with load
 a = Safety clearance (200 mm)
 l_6 = Pallet length (800 or 1000 mm)
 b_{12} = Pallet width (1200 mm)

DP/GP30NT					
Mast Type	h3	h1	h4	h2/h5	Q@ c=500mm kg
Triplex	4700	2165	5755	1110	2900

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)

* Capacities shown require truck equipped with dual tyres. Consult your dealer for the maximum back tilt allowed, to obtain the capacities specified.

