



Turret truck
1.2t

Characteristics			
1.1	Manufacturer		Caterpillar
1.2	Model		NT12
1.3	Power source (Electric, Diesel, Petrol, Gas)		Electric
1.4	Operating mode (pedestrian, stand-on, sit-on)		Sit-on
1.5	Nominal capacity / load	Q t	1.2
1.6	Load centre	c mm	600
1.9	Wheelbase (forks lowered)	y mm	1590
Weights			
2.1	Truck weight (with nominal load & battery)	kg	7180 (730 Ah *)
2.2	Axle loadings (with nominal load & battery), drive/load side	kg	1280 / 5900
2.3	Axle loadings (without load & with battery), drive/load side	kg	1740 / 4240
Wheels & Tyres			
3.1	Tyres (R- rubber / Vul- vulkollan), drive/load side		Vul / Vul
3.2	Load wheel dimensions (diameter x width)	mm	343 x 114
3.3	Drive wheel dimensions (diameter x width)	mm	350 x 140
3.5	No. of wheels (x = driven), drive/load side		1x / 2
3.6	Track width (centre of tyres), load side	b10 mm	1300
Dimensions			
4.2	Lowered mast height	h1	3220
4.4	Lift	h3 mm	5920
4.5	Raised mast height	h4 mm	7120
4.7	Height to top of overhead guard	h6 mm	2110
4.8	Seat (compressed) or platform height	h7 mm	1030
4.10	Max height of load wheel legs	h8 mm	390
4.15	Fork height, fully lowered	h13 mm	80
4.19	Overall length	l1 mm	2990
4.21	Chassis (overall width)	b1 mm	1440
4.22	Fork dimensions (thickness / width / length)	s/e/l mm	45 / 130 / 1150
4.25	Outside width over forks (minimum/maximum)	b5 mm	470 / 780
4.27	Width over guide rollers (minimum)	b6 mm	1700
4.29	Fork travel	b7 mm	1310
4.31	Ground clearance @ lowest point	m1 mm	30
4.32	Ground clearance @ centre of wheelbase (forks lowered)	m2 mm	30
4.34	Working aisle width (Ast) 800 x 1200 mm load, lengthwise	Ast mm	1700
4.35	Turning radius (forks lowered)	Wa mm	1855
4.37	Truck length over load arms	l7 mm	2030
4.38	Load distance - centre of load wheel to fork pivot point	l8 mm	788
Performance			
5.1	Travel speed, laden / unladen	km/h	10.0 / 11.0
5.2	Lifting speed, laden / unladen	m/s	0.25 / 0.30
5.3	Lowering speed, laden / unladen	m/s	0.50 / 0.40
5.4	Reach speed, laden / unladen	m/s	0.10 / 0.13
5.10	Service brake (mechanical, hydraulic, electric)		Mechanical
Motors			
6.1	Drive motor (S2 60 min)	kW	5.5
6.2	Lift motor (S3 15 %)	kW	9.1
6.4	Battery voltage / capacity (5 hr. rating)	V / Ah	48 / 730 *
6.5	Battery weight	kg	1120
Miscellaneous			
8.1	Speed control type		Stepless
8.2	Max. operating pressure for attachments	bar	160

* 876 Ah battery option available

Mast Performance and Capacity

h3 + h13 Max. fork height (mm)	h1 Lowered mast height (mm)	h4 Raised mast height (mm)
4000	2550	5120
5000	2880	6120
6000	3220	7120
7000	3550	8120
8000	3880	9120
9000	4220	10120

h1 Height with mast lowered
h3 Standard lift height
h4 Height with mast raised
h13 Fork height, fully lowered

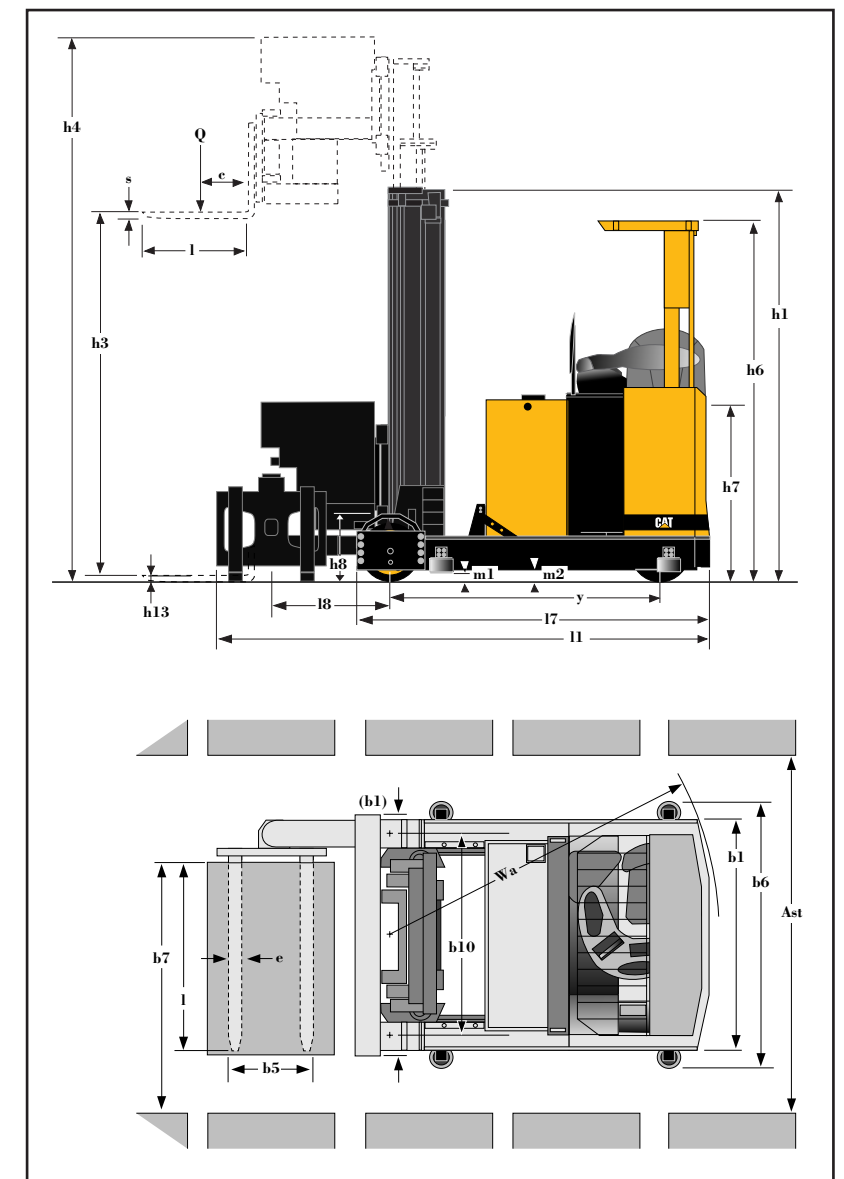
(These measurements vary depending on attachments used. Please consult your Caterpillar dealer)

Over the years, Caterpillar® has applied basic common sense and professional know-how in the design and manufacture of its material handling range of products

Pointed research and development programs and regular interfacing with users together lead to distinctive product features, good product reliability and high user acceptance.

The highly ergonomic NT12 model is of revolutionary concept, imaginative execution with performance you'd expect from Caterpillar.

In the heart of this truck, a sophisticated electronic control system ensures you meet deadlines in the most efficient manner.



Features designed for maximum productivity

- Quiet and comfortable operation with generous all-round visibility for safe load handling.
- Fully programmable functions and electrical braking for job-matched performance.
- 3-stage mast and robust turret head to meet all reach conditions.
- Electro-magnetic parking brake.
- Ergonomic and extremely responsive "fingertip" hydraulic control design for precise handling at high lift heights.
- Comprehensive selection of diagnostic functions minimise troubleshooting and downtime.
- High frequency hydraulic control unit providing stepless pump motor performance for individual hydraulic functions.
- Swing-open cab for quick and easy maintenance.



Caterpillar, your partner in materials handling



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- Advice on machine selection to provide you the most economical solution for the job.
- Parts availability and trained service mechanics to respond quickly and effectively when you need them.
- A variety of preventive maintenance, service and repair plans tailored to your needs.
- A full range of acquisition possibilities, straight purchase, short and long term rental, leasing etc.

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NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications, or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Caterpillar Lift Truck Dealer. Caterpillar follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.