

Material Handling Solutions by

Omega Lift

4DTM
MTM
4D MultiLoader



4DML Series



Omega Lift has been designing and manufacturing all-terrain lift trucks for a wide range of material handling applications for over 25 years enabling us to be at the forefront of lift truck design.

4DML Series

2750 kg - 10000 kg load capacity | 3,6 - 7,3 m lift height

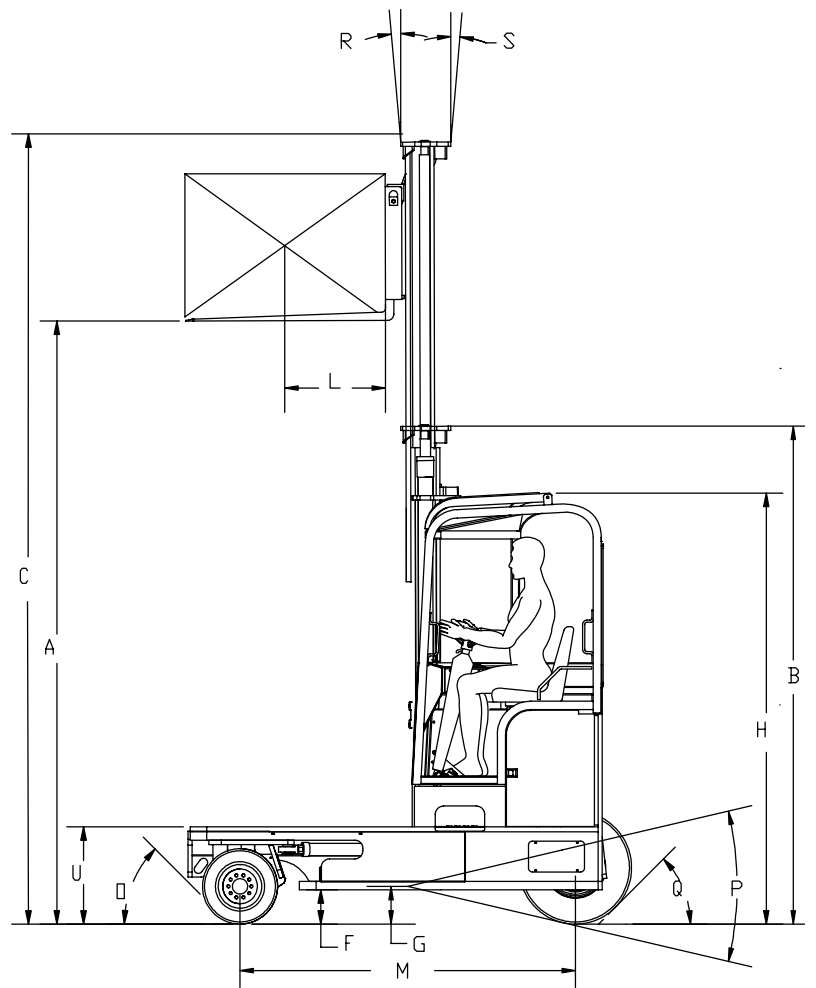
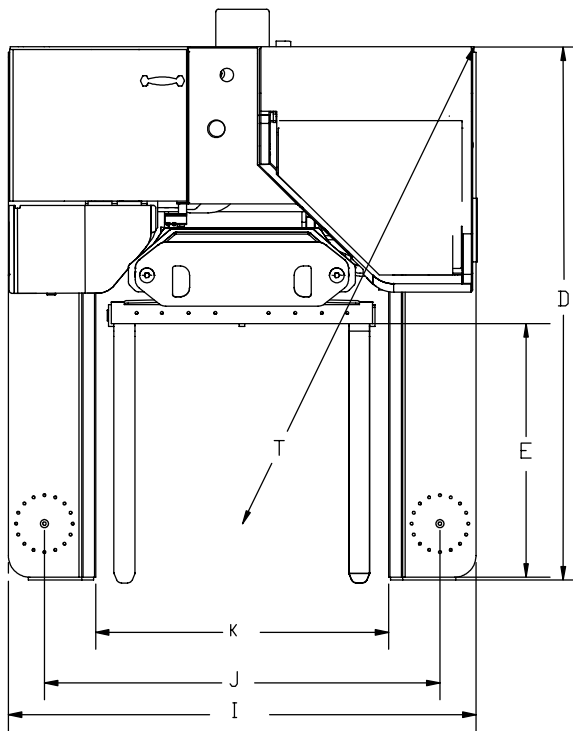
The **4D MultiLoader (4DML) Series** is a four way, all-wheel drive, all-wheel steer and all-wheel brake truck that is offered in capacities from 2750 to 10000 kg and lift heights from 3,6 to 7,3 m. It undertakes the duties of aisle truck, traditional forklift and sideloader. Equipment features include a hydrostatic drive system, a torsion resistant frame consisting of up to 203 mm thick steel plate and an ergonomically designed operator's compartment. Spreader carriages are offered up to 9,1 m with outer fixed forks. Guide rollers can be added for specialty applications. The 4DML is an ideal series for handling long or normal loads that have to go from inside or outside, on to or off of racks and narrow aisles and doorways.

SPECIFICATION	Ref.	3T	4T	4.5T	5T	5.5T	6T	8T	9T	10T
Capacity @ 610 mm load centre (kg)	L	3000	4000	4500	5000	5500	6000	8000	9000	10000
Standard Mast Lift Height (mm)	A	3658	3658	3658	3658	3658	3658	3658	3658	3658
Height mast closed (mm)	B	2921	2921	2921	2921	3048	3048	3099	3100	3100
Maximum (mast raised) (mm)	C	4724	4724	4724	4724	4877	4877	4877	4725	4725
Overall length (1200 mm platform)	D	2507	2507	2507	2507	2545	2545	2922*1500P	3074	3074
Mast travel (mm)	E	1200	1200	1200	1200	1200	1200	1500	1575	1575
Ground clearance under frame (mm)	F	203	203	203	203	279	279	305	203	203
Ground to wheelbase centre (mm)	G	229	229	229	229	292	292	292	152	152
Height to overhead guard (mm)	H	2591	2591	2591	2591	2743	2743	2743	2745	2745
Width (mm)	I	2223	2223	2223	2223	2350	2642	2794	2795	2795
Outside spread of fork arms (mm)		1219	1219	1219	1219	1219	1219	1473	1473	1473
Track front	J	1880	1880	1880	1880	2007	2286	2438	2490	2490
Frame opening	K	1397	1397	1397	1397	1397	1651	1651	1650	1650
Wheel base	M	2045	2045	2045	2045	1981	1981	2388	2535	2535
Approach angle	O	45°	45°	45°	45°	45°	45°	45°	45°	45°
Ramp angle	P	30°	30°	30°	30°	30°	30°	30°	30°	30°
Departure angle	Q	45°	45°	45°	45°	45°	45°	45°	45°	45°
Unladen weight (kg)		5500	6300	6577	7250	7938	8754	11567	18800	19900
Maximum ground speed		16 km/h	16 km/h	16 km/h	16 km/h	16 km/h	16 km/h	16 km/h	16 km/h	16 km/h
Gradeability		20%	20%	20%	20%	20%	20%	15%	15%	15%
Diesel/LPG/Gas engine		various	various	various	various	various	various	various	various	various
Fork section 50 mm – 64 mm		152 x 1168	152 x 1168	152 x 1168	152 x 1168	152 x 1168	152 x 1168	152 x 1473	64 x 203 x 1500	64 x 203 x 1500
Front tire OD/Width (mm x mm)		457 x 203	457 x 203	457 x 203	457 x 203	584 x 229	584 x 229	584 x 254	559 x 305	559 x 305
Rear tire OD/Width (mm x mm)		686 x 254	686 x 254	696 x 254	686 x 254	813 x 203	813 x 203	813 x 305	838 x 356	838 x 356
Forward tilt	R	5°	5°	5°	5°	5°	5°	5°	5°	5°
Backward tilt	S	5°	5°	5°	5°	5°	5°	5°	5°	5°
Minimum outside radius (mm)	T	2515	2515	2515	2515	2565	2743	2997	3074	3074
Platform height (mm)	U	610	610	610	610	711	711	711	711	711

*1500 mm platform

Specifications subject to change without notice

Specification Diagram



Load Charts

(Load centre refers to measurement 'L' in above diagram)

Model	Lift Height	Capacity 610 mm load centre (kg)	Capacity @ 660 mm load centre (kg)	Capacity @ 762 mm load centre (kg)	Capacity @ 864 mm load centre (kg)	Capacity @ 914 mm load centre (kg)
3T	7315	998	726	499	340	227
	5486	1678	1361	1179	998	907
	3658	3000	2404	2177	2041	1905
4T	7315	1491	1044	745	497	298
	5486	2485	2038	1740	1491	1292
	3658	4000	3530	3231	2983	2783
4.5T	7315	1814	1270	907	590	363
	5486	2722	2177	1860	1633	1361
	3658	4500	3992	3674	3402	3175
5T	7315	2050	1402	1023	667	407
	5486	3030	2439	2098	1840	1521
	3658	5000	4464	4135	3828	3544
5.5T	7315	2268	1588	1134	753	453
	5486	3629	2976	2540	2177	1887
	3658	5500	4831	4423	4082	3810
6T	7315	2583	1804	1288	858	517
	5486	4288	3522	3003	2575	2239
	3658	6000	5319	4848	4505	4210

Maximum stacking capacity on a horizontal level surface; load ratings comply with ASME/ANSI B56.1 b - 2005; Safety Standards for low lift and high lift trucks

CONTACT FACTORY FOR 8T, 9T AND 10T DATA

4DML Series



NOTE: The information herein is general in nature and is not intended for specific application purposes. Omega Lift reserves the right to make any changes in the specifications shown herein, and improvements, or discontinue manufacture at any time without notice or obligation. Units shown may be equipped with non-standard equipment. All machines are manufactured to meet or exceed ANSI/ITSDF B56.1 - 2005 Standards or Recommended Practices, where applicable.





STANDARD EQUIPMENT

Engine

- LPG engine or diesel engine
- Emissions compliant

Hydraulic System

- Piston pump
- All-wheel hydrostatic drive
- All-wheel power steering
- Independent drive motors
- hydraulic oil cooler

Brakes

- All-wheel enclosed wet disc brakes
- Inching/brake pedal
- Park brake with indicator

Operator Compartment

- Open FOPS/ROPS
- Ergonomic control layout
- Weather-proof switches
- Fully molded adjustable (tilt/telescopic) steering column
- Rubber insulated cab mount
- Roof glass
- Low profile mechanical suspension seat with lumbar adjustment and retractable seat belt
- Grab handles and cab step

Instrumentation

- Full backlit gauge cluster including; fuel (diesel engines only), water temperature, engine oil pressure, AMP meter.
- Indicator lights including; water temperature, engine oil, battery, parking brake, fuel control

Mast/Carriage

- Duplex I-beam
- Sealed roller mast bearings
- Clear View design
- Premium mast chain
- Sealed, hardened chain pulleys
- Shaft carriage
- Shaft forks

Electrical

- 12 Volt negative ground system
- 575 CCA battery
- 70 AMP alternator
- Labeled fuse panel

Additional Features

- Remote Online Diagnostic System
- Solid steel frame construction
- Steel hydraulic and fuel tanks
- Large heavy-duty slew bearings
- Lockable fuel, hydraulic, engine hood and battery compartment

- Amber strobe light
- 4-way light package
- 10 micron filtration system
- Horn and back-up alarm
- Super elastic tires
- Tie down provisions

OPTIONAL EQUIPMENT

- Enclosed all-weather cab
- Cab heater and fan
- AM/FM CD sound system
- Cup holder
- Cab dome light
- Customizable masts, carriages and forks
- Spreader bars up to 9150 mm
- Grapple
- Fork positioning
- Auxiliary hydraulics
- Free lift
- Custom colors
- Special platform lengths
- Guide roller system

1.905.857.6456 | www.omegalift.net

A MACHINE FOR EVERY APPLICATION

ANY JOB, ANY TIME ANYWHERE — no matter what the application, Omega Lift's line of machines are made for it. General construction, Building construction, Automotive recycling, Lumber mills and yards, Steel mills and yards, Mining facilities, Manufacturing and Warehousing facilities, Sod farms and nurseries, Rail yards, Military applications, our machines have you covered.

YOU PROVIDE THE JOB. WE'LL PROVIDE THE MACHINE.

Authorized Omega Lift Dealer

Printed in Canada. Reorder Code: 4DMLSB-A4-M-7-11



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Vertical Mast

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