

MILLAT

FORKLIFT TRUCK

Model FD30M1 • 3 Ton Capacity

**Heavy Duty
Performance**



Cost Effective

Durability

Robust Design



Low Maintenance

Easy and convenient servicing with minimal upkeep needed.



Fuel Efficient Engine

Powered by the economical Millat D3.1524 engine.



Easy Controls

Simple control layout for precise and intuitive operation.



Strong Load Handling

Capable of lifting and transporting up to 3.5 tons with ease.



Reliable Performance

Built on trusted HELI technology, ensuring durability and quality.

Millat Forklift Trucks are built with advanced HELI technology and powered by a reliable Millat D3.1524 engine under Perkins standards, ensuring durability, efficiency, and performance.

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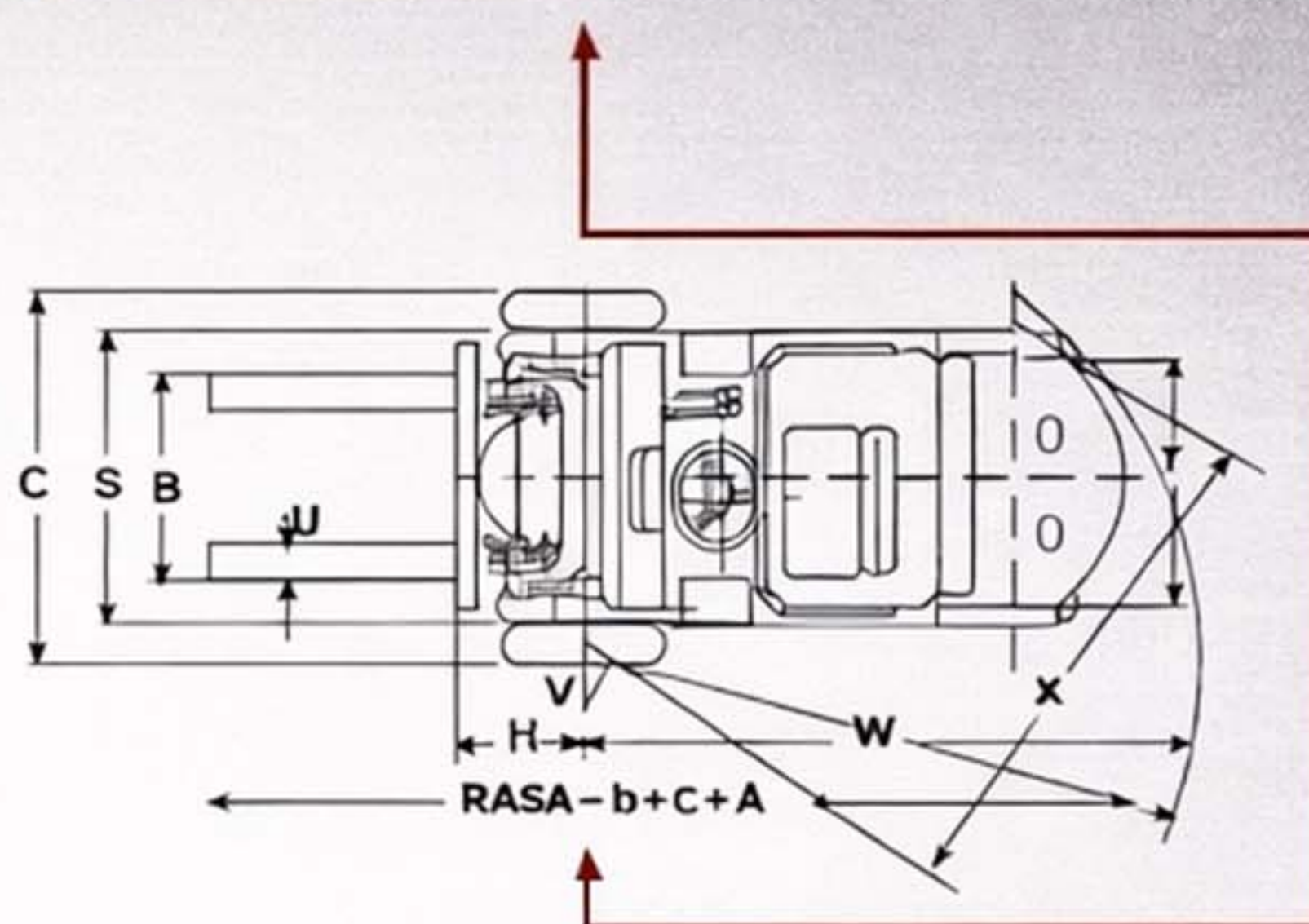
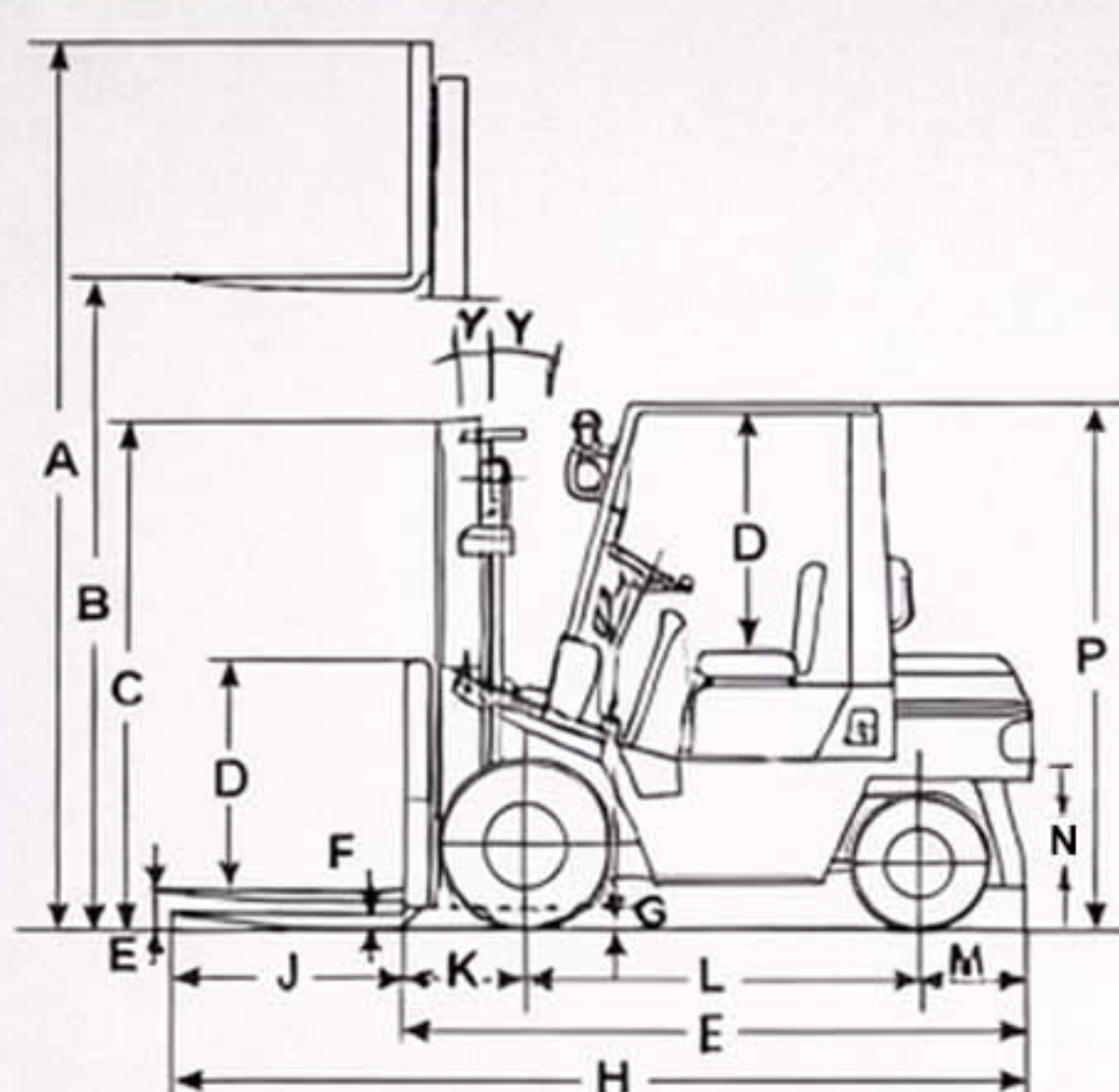


MILLAT Standard Specifications

STANDARD SPECIFICATIONS

Characteristics	Model				FD30M1	
	Load Capacity			kg	3000 - 3500	
	Load Center			mm	500	
	Power Type				Diesel	
	Control Type				Sit Down Rider Type	
	Tyre Type		Front / Rear		Pneumatic	
	Wheels (x = driven)		Front / Rear		2x / 2	
Dimensions & Weight	Maximum Fork Height			mm	3000	
	Free Lift			mm	305	
	Fork Size		L x W x T	mm	1070 x 125 x45	
	Tilt Angle		Fwd / Bwd	deg	6 / 12	
	Length to Fork Face			mm	2693	
	Overall Width			mm	1225	
	Mast Height Fork Lowered			mm	2070	
	Overhead Height Fork Raised			mm	4250	
	Overhead Guard Height			mm	2090	
	Turning Radius (Outside)			mm	2400	
	Load Distance (Centerline of front axle to front face of forks)			mm	498	
	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2898	
	Total weight			kg	4200	
	Performance	Speeds	Travel Max. (Fwd / Rvs):	With Load	km/h	15.3
Without Load				km/h	16.5	
Lifting			With Load	mm/s	335	
			Without Load	mm/s	385	
Lowering			With Load	mm/s	450	
			Without Load	mm/s	500	
Max. Drawbar Pull		With / Without Load		kg	1500 / 1000	
Max. Gradeability		With / Without Load		%(tanθ)	18 / 20	
Chassis		Number	Front / Rear		2 / 2	
	Tyre	Size	Front		28 x 9 - 15 - 12 PR	
			Rear		6.50 -10 -10 PR	
	Wheel Base			mm	1700	
	Tread		Front	mm	1000	
			Rear	mm	970	
	Ground Clearance	At Lower Point (Mast)		mm	135	
		Frame		mm	140	
	Brake	Service			Hydraulic - Foot Pedel	
Parking			Mechanical - Hand Lever			
Engine & Transmission	Battery	Voltage / Capacity		V/Ah	12 / 88	
	Internal Combustion Engine	Model			Millat D3.1524	
		Rated Horsepower / rpm		ps	50 / 2250	
		Rated Torque / rpm		Nm	172 / 1350	
		Number of Cylinders			3	
		Displacement		ltr	2.5	
		Fuel Tank Capacity		ltr	50	
	Transmission	Number of Speed Fwd/Rvs - Type			2 - 2 Manual Shift	
Operating Pressure	For Attachment		kg/cm²	175		

MILLAT Standard Dimensions



Standard Dimensions (Front Single Tyre)

Sr. No.	Model FD30M1	Dimension (mm)
A.	Overall height, fork raised (with backrest)	4250
B.	Max. fork height	3000
C.	Overall height, fork lowered (upright)	2070
D.	Backrest height (from upper face of forks)	1220
E.	Free lift	305
F.	Fork thickness	45
G.	Min. under-clearance (bottom of mast)	135
H.	Overall length (with forks)	3763
I.	Overall length (without forks)	2693
J.	Fork length	1070
K.	Fork overhang	498
L.	Wheel base	1700
M.	Rear overhang	495
N.	Coupler height	310
O.	Overhead guard clearance (from face of seat)	830-850
P.	Overall height (overhead guard)	2090
Q.	Overall width	1225
R.	Lateral fork adjustment (outside of fork)	250-1090
S.	Tread (front)	1000
T.	Tread (rear)	970
U.	Fork width	125
V.	Inside turning radius	200
W.	Outside turning radius	2400
X.	Min. Intersecting aisle	2110
Y.	Tilting angles (forward-backward)	6° - 12°

Millat Tractors reserve the right to change specifications without prior notice.

Note

Capacities shown are computed with upright in vertical position. Load centers are determined for front face of forks. Capacities are based on a 1000 mm cube load configuration with the center of gravity at the true center of the cube, and standard forks. Truck capacities with upright in forward tilt position will be less. Long forks, and unusually wide or loads may also reduce capacity.

