

MAST SPECIFICATIONS & RATED CAPACITIES																										
Mast Type	Mast Name	Max. Fork Height (mm)	Load Capacity (kg)						Overall Height (mm)										Free Lift (mm)						Tilt Angle	
									Lowered	Extended						Without Backrest		With Backrest								
1.5t	1.8t	2.0t	2.5t	3.0t	3.5t	1.5t-1.8t	2.0t-2.5t	3.0t-3.5t	1.5t-1.8t	2.0t-2.5t	3.0t-3.5t	1.5t-1.8t	2.0t-2.5t	3.0t-3.5t	1.5t-1.8t	2.0t-2.5t	3.0t-3.5t	1.5t-1.8t	2.0t-2.5t	3.0t-3.5t	1.5t-1.8t	2.0t-3.5t				
2-Stage Wide View Mast	M300	3000	1500	1800	2000	2500	3000	3500	2005	2045	2060	3228	3628	3641	4040	4021	4060	135	120	125/130	135	120	125/130	6-10	6-12	
	M330	3300	1500	1800	2000	2500	3000	3500	2155	2195	2210	3528	3928	3941	4340	4321	4360	135	120	125/130	135	120	125/130	6-10	6-12	
	M350	3500	1500	1800	2000	2500	3000	3500	2255	2295	2310	3728	4128	4141	4540	4521	4560	135	120	125/130	135	120	125/130	6-10	6-12	
	M370	3700	1500	1800	2000	2500	3000	3500	2355	2395	2410	3928	4328	4341	4740	4721	4760	135	120	125/130	135	120	125/130	6-6	6-6	
	M400	4000	1450	1700	2000	2500	2950	3450	2555	2495	2510	4228	4628	4641	5040	5021	5060	135	120	125/130	135	120	125/130	6-6	6-6	
	M450	4500	1250	1500	1950	2300	2700	3200	2805	2845	2860	4728	5128	5141	5540	5521	5560	135	120	125/130	135	120	125/130	6-6	6-6	
2-Stage Full Free Wide View Mast	M500	5000	900	1200	1800	2000	2450	2750	3055	3145	3160	5228	5628	5641	6040	6021	6060	135	120	125/130	135	120	125/130	6-6	6-6	
	FM300	3000	*	*	2000	2500	3000	3500	*	2045	2060	*	3020	3025	*	4042	4202	*	1384	1380	*	978	838	*	6-12	
	FM330	3300	*	*	2000	2500	3000	3500	*	2195	2210	*	3320	3325	*	4342	4502	*	1534	1530	*	1128	988	*	6-12	
	FM350	3500	*	*	2000	2500	3000	3500	*	2295	2310	*	3520	3525	*	4542	4702	*	1634	1630	*	1228	1088	*	6-12	
3-Stage Full Free Wide View Mast	FM370	3700	*	*	2000	2500	3000	3500	*	2395	2410	*	3720	3725	*	4742	4902	*	1734	1730	*	1328	1188	*	6-6	
	FM400	4000	*	*	2000	2500	3000	3500	*	2595	2610	*	4020	4025	*	5042	5202	*	1934	1930	*	1528	1388	*	6-6	
	TFM400	4000	1450	1700	2000	2500	2950	3450	1930	1945	1960	4153	4628	4641	5030	5021	5060	1762	1287	1280	4045	841	860	6-6	6-6	
	TFM430	4300	1350	1600	2000	2500	2950	3450	2045	2045	2060	4453	4928	4941	5380	5321	5360	1862	1387	1380	4345	941	960	6-6	6-6	
	TFM450	4500	1250	1500	1950	2500	2850	3300	2095	2145	2160	4653	5128	5141	5530	5521	5560	1962	1487	1480	4545	1041	1060	6-6	6-6	
	TFM480	4800	1150	1350	1950	2300	2750	3100	2195	2245	2260	4953	5428	5441	5830	5821	5860	2062	1587	1580	4845	1141	1160	6-6	6-6	
3-Stage Full Free Wide View Mast	TFM500	5000	900	1200	1700	2100	2550	2750	2295	2295	2310	5153	5628	5641	6030	6021	6060	2112	1637	1630	5045	1191	1210	6-6	6-6	
	TFM550	5500	800	1000	1300	1600	1700	1900	2465	2495	2510	5653	6128	6141	6530	6521	6560	2312	1837	1830	5545	1391	1410	3-6	3-6	
	TFM600	6000	600	700	1050	1250	1350	1500	2700	2695	2710	6153	6628	6641	7030	7021	7060	2512	2037	2030	6045	1591	1610	3-6	3-6	
	TFM650	6500	600	700	1050	1250	1350	1500	2700	2695	2710	6153	6628	6641	7030	7021	7060	2512	2037	2030	6045	1591	1610	3-6	3-6	

With side shifter, load capacity subtract 200kg.
*(Asterisk) is for double front wheels model.

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CE CERTIFICATE



ISO14001 2004



ISO9001 2004



UN FORKLIFT

F SERIES FORKLIFT TRUCK

Capacity 1.5 ton-3.5 ton (Diesel / Gasoline / LPG)

F Series, the latest internal combustion forklift has undergone a comprehensive redesign led by professional design company. This brand new design brings significant enhancements to both its appearance and performance.



APPEARANCE ★

This series has smooth and streamlined body, giving a more powerful look. The sharp edges and contrast color design of the counterweight make it more attractive.

The electrical system utilizes dynamic LED taillights, imparting a futuristic and highly technological appeal to the vehicle, creating a strong visual impact.



PERFORMANCE ★★

Using internationally renowned Stage V/Tier4F, Mitsubishi 4EG, Kubota and GCT engines, featuring low emissions, high performance, and durability.



Utilizing the new narrow-groove steel mast to reduce the overall vehicle weight & enhance visibility.



Equipped with an interactive dashboard as standard for real-time monitoring.



The new generation LED lighting system not only enhances energy efficiency but also improves the performance and lifespan.



Standard equipped with a load sensing steering system to enhance operational efficiency.



Use a large turning angle steering axle to reduce the turning radius of the truck.



SAFETY ★★★

The stamped overhead guard offers increased durability and reliability, significantly reducing the potential harm from impacts, collapses, or other accidents.



Universal molding of exterior parts enhance production efficiency, facilitates maintenance and replacement.

To enhance protection ratings, all key connectors and joints are waterproof.

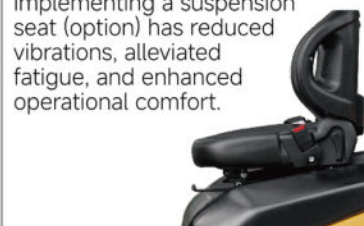
The OPS system effectively prevents unintended forklift startup, enhancing overall driving safety.

SUPERIOR ★★★★★ ERGONOMICS

The wide-view mast provides a broader vision.



Implementing a suspension seat (option) has reduced vibrations, alleviated fatigue, and enhanced operational comfort.



The spacious foot space provides easy access for getting on and off, significantly enhancing operational comfort.



The adjustable steering column equip with a small steering wheel for more effortless operation.



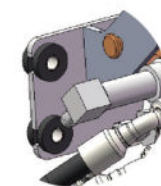
Adopting a new type of ratchet handbrake, effectively reducing operating force.



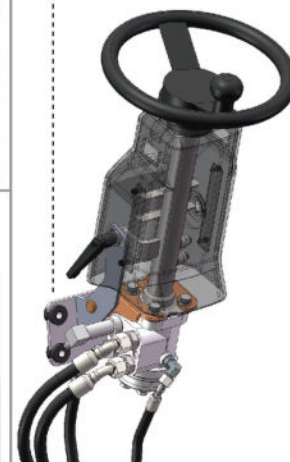
Suspension foot brakes achieve smooth braking and reduce vibrations.



The steering column bracket equipped with standard cushion pads, reducing steering wheel vibration and improving comfort.



Cushion pads



A close-up photograph of a yellow John Deere engine compartment. A prominent yellow plastic cover on the left features a black rectangular decal with the number '30' in red and white. The engine itself is visible in the background, showing various mechanical components and hoses.

Model: A498BPG-521 (EU III)
Rated output: 45KW/2500RPM
Rated torque: 193N.M/1800RPM
No. of cylinder: 4
Bore x Stroke: 98X105MM
Displacement: 3168CC

Model: E25-62C53 (EU V)
Rated output: 46/2400RPM
Rated torque: 220N.M/1600-1800RPM
No. of cylinder: 4
Bore x Stroke: 88X102.5MM
Displacement: 2494CC

Model: V29-50C42 (EU III)
Rated output: 36.8KW/2500RPM
Rated torque: 190N.M/1500-1800RPM
No.of cylinder: 4
Bore x Stroke: 93X105MM
Displacement: 2850CC

Model: V25-45V42
Rated output: 33.1KW/2600RPM
Rated torque: 150N.M/1900RPM
No. of cylinder: 4
Bore x Stroke: 90X100MM
Displacement: 2540CC

Model: 3E22YG51 (EU V)
Rated output: 44.8KW/2400RPM
Rated torque: 210N.M/1600-1800RPM
No. of cylinder: 4
Bore x Stroke: 94x107MM
Displacement: 2230CC

Model: A498BPG-521 (EU III)
Rated output: 45KW/2500RPM
Rated torque: 193N.M/1800RPM
No. of cylinder: 4
Bore x Stroke: 98X105MM
Displacement: 3168CC

The technical drawings show the side and top views of the H350 forklift. The side view includes dimensions for height (12, 10, 12), wheelbase (2), and other structural details. The top view shows the mast width (102), wheelbase (102), and overall length (102). The load capacity graph, titled 'LoadCurve', plots Load Capacity (kg) on the y-axis (1000 to 3500) against Load center (mm) on the x-axis (500 to 1100). The graph contains seven curves representing different load capacities at a 500mm load center, with the highest capacity being 3500kg and the lowest being 1000kg. The curves show that as the load center increases, the load capacity decreases.

AST=a+Wa+Ba: (200mm)