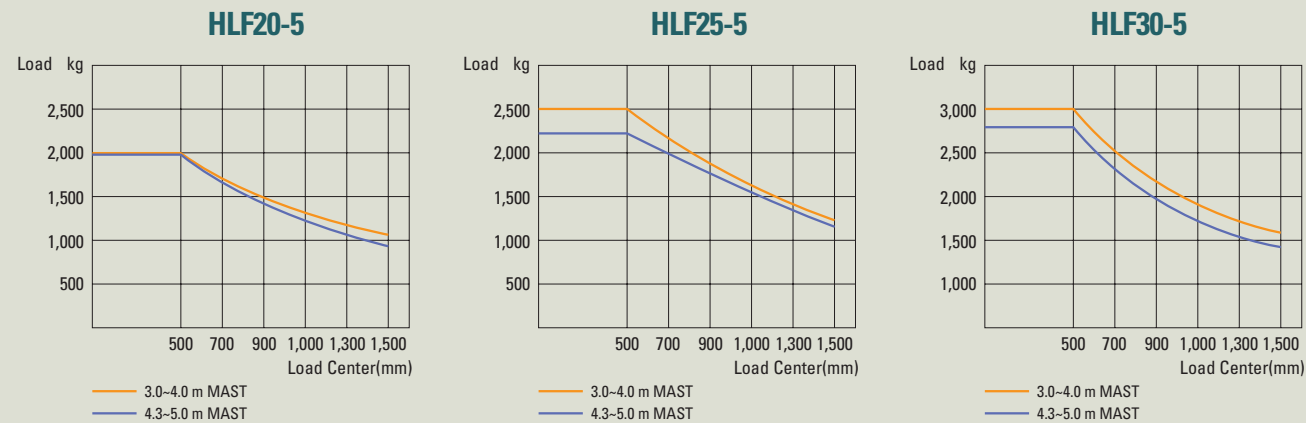


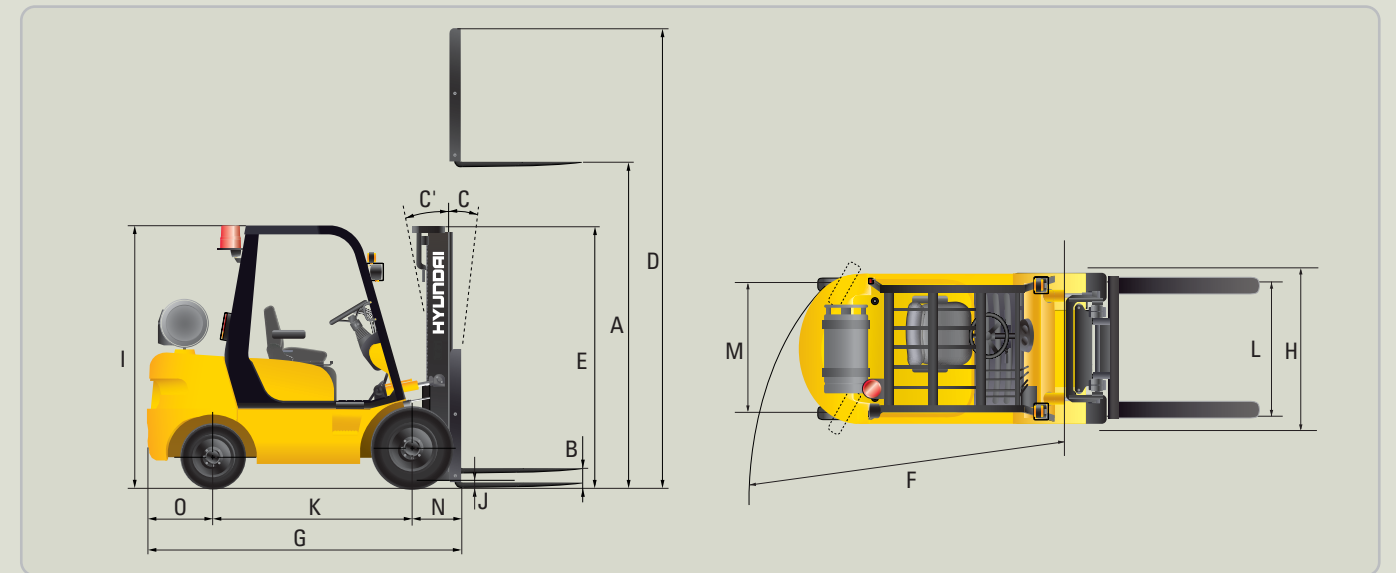
Mast Specification

TYPE MAST	Maximum Fork Height mm(in)	Overall Height(mm)					Free Lift(mm)				Tilt Angle		Load Capacity at 600 mm(24 in)LC						
		Lowered		Extended			W/O Load Backrest		W/Std Load Backrest				Single			Double			
		mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	mm(in)	Fwd	Bwd	HLF20-5	HLF25-5	HLF30-5	HLF20-5	HLF25-5	HLF30-5
		HLF20/25-5	HLF30-5	HLF20/25-5	HLF30-5	HLF20/25/30-5	HLF20/25-5	HLF30-5	HLF20/25-5	HLF30-5	HLF20/25-5	HLF30-5	deg	deg	kg(lb)	kg(lb)	kg(lb)	kg(lb)	kg(lb)
V300	3000 (118.1)	2025 (79.7)	2040 (80.3)	3605 (141.9)	3683 (145.0)	4185 (164.8)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	10	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V330	3300 (129.9)	2175 (85.6)	2190 (86.2)	3905 (153.7)	3983 (156.8)	4485 (176.6)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	10	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V350	3500 (137.8)	2275 (89.6)	2290 (90.2)	4105 (161.6)	4183 (164.7)	4685 (184.4)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	10	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V370	3700 (145.7)	2425 (95.5)	2440 (96.1)	4305 (169.4)	4383 (172.6)	4885 (192.3)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	10	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V400	4000 (157.4)	2575 (101.4)	2590 (102.0)	4605 (181.3)	4683 (184.4)	5185 (204.1)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	10	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V430	4300 (169.3)	2725 (107.3)	2740 (107.9)	4905 (193.1)	4983 (196.2)	5485 (215.9)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	6	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
V450	4500 (177.2)	2875 (113.2)	2890 (113.8)	5105 (201.0)	5183 (204.1)	5685 (223.8)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	6	2000 (4000)	2450 (4950)	2925 (5850)	2000 (4000)	2500 (5000)	3000 (6000)	
V470	4700 (185.0)	2975 (117.1)	2990 (117.7)	5305 (208.9)	5383 (211.9)	5885 (231.7)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	6	2000 (4000)	2400 (4850)	2875 (5700)	2000 (4000)	2450 (5000)	2900 (5900)	
V500	5000 (196.9)	3125 (123.0)	3140 (123.6)	5605 (220.7)	5683 (223.7)	6185 (243.5)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	6	6	2000 (3900)	2250 (4700)	2800 (5500)	2000 (4000)	2400 (4900)	2850 (5750)	
VF300	3000 (118.1)	2025 (79.7)	2040 (80.3)	3648 (143.6)	3726 (146.7)	4180 (164.6)	1377 (54.2)	1314 (51.7)	845 (33.3)	860 (33.9)	6	6	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
VF330	3300 (129.9)	2175 (85.6)	2190 (86.2)	3948 (155.4)	4026 (158.5)	4480 (176.4)	1527 (60.1)	1464 (57.6)	995 (39.2)	1010 (39.8)	6	6	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
TF370	3700 (145.7)	1825 (71.9)	1840 (72.4)	4353 (171.4)	4431 (174.4)	4885 (192.3)	1177 (46.3)	1114 (43.9)	645 (25.4)	660 (26.0)	6	6	2000 (4000)	2500 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
TF400	4000 (157.4)	1925 (75.8)	1940 (76.4)	4653 (183.2)	4731 (186.2)	5185 (204.1)	1277 (50.3)	1214 (47.8)	745 (29.3)	760 (29.9)	6	6	2000 (4000)	2450 (5000)	3000 (6000)	2000 (4000)	2500 (5000)	3000 (6000)	
TF430	4300 (169.3)	2025 (79.7)	2040 (80.3)	4953 (195.0)	5031 (198.0)	5485 (215.9)	1377 (54.2)	1314 (51.7)	845 (33.3)	860 (33.9)	6	6	2000 (4000)	2400 (5000)	2900 (5900)	2000 (4000)	2500 (5000)	2950 (6000)	
TF450	4500 (177.2)	2125 (83.7)	2140 (84.3)	5153 (202.9)	5231 (205.9)	5685 (223.8)	1477 (58.1)	1414 (55.7)	945 (37.2)	960 (37.8)	6	6	2000 (4000)	2300 (4650)	2800 (5700)	2000 (4000)	2450 (5000)	2900 (5900)	
TF470	4700 (185.0)	2175 (85.6)	2190 (86.2)	5353 (210.7)	5431 (213.7)	5885 (231.7)	1527 (60.1)	1464 (57.6)	995 (39.2)	1010 (39.8)	6	6	1950 (3900)	2150 (4450)	2700 (5500)	1975 (4000)	2400 (4950)	2850 (5750)	
TF500	5000 (196.9)	2275 (89.6)	2290 (90.2)	5653 (222.6)	5731 (225.6)	6185 (243.5)	1627 (64.1)	1564 (61.6)	1095 (43.1)	1110 (43.7)	6	6	1750 (3550)	1800 (3650)	2500 (5050)	1900 (4000)	2350 (4850)	2800 (5600)	
TF550	5500 (216.5)	2475 (97.4)	2490 (98.0)	6153 (242.2)	6231 (245.3)	6685 (263.2)	1827 (71.9)	1764 (69.4)	1295 (51.0)	1310 (51.6)	6	6	1400 (2800)	1400 (2850)	2100 (3950)	1825 (3750)	2200 (4500)	2600 (5300)	
TF600	6000 (236.2)	2675 (105.3)	2690 (105.9)	6653 (261.9)	6731 (265.0)	7185 (282.8)	2027 (79.8)	1964 (77.3)	1495 (58.9)	1510 (59.4)	6	6	1000 (1950)	1000 (2000)	1550 (2850)	1750 (3300)	2000 (3500)	2400 (4600)	
TF650	6500 (255.9)	2875 (113.2)	2890 (113.8)	7153 (281.6)	7231 (284.5)	7685 (277.1)	2227 (87.7)	2164 (85.2)	1695 (66.7)	1710 (67.3)	3	3	750 (1350)	750 (1450)	1000 (1750)	1450 (2650)	1750 (2750)	2100 (3750)	
TF700	7000 (275.6)	3075 (121.1)	3090 (121.7)	7653 (301.3)	7731 (304.4)	8185 (322.2)	2427 (95.6)	2364 (93.1)	1895 (74.6)	1910 (75.2)	3	3	500 (950)	500 (1000)	650 (1300)	1150 (1950)	1350 (2100)	1700 (2850)	

Load Capacity



Dimension



Specification

Description		Unit	HLF20-5	HLF25-5	HLF30-5	
PERFORMANCE	Load Capacity	kg (lb)	2,000(4,000)	2,500(5,000)	3,000(6,000)	
	Load Center	mm (in)	500(24)	500(24)	500(24)	
	Fork	Lifting Speed	Load	mm/sec(fpm)	550(108)	530(104)
			Unload	mm/sec(fpm)	640(126)	640(126)
		Lowering Speed	Load	mm/sec(fpm)	510(100)	510(100)
			Unload	mm/sec(fpm)	460(91)	460(91)
	L x W x T		mm (in)	1,050 x 100 x 45(41 x 4 x 1.8)	1,050 x 100 x 45(41 x 4 x 1.8)	1,050 x 125 x 45(41 x 5 x 1.8)
	Body	Travel Speed(Unloaded)	km/hr (mph)	20.5(12.7)	20.5(12.7)	21.4(13.3)
		Gradeability	%(deg)	29.3(16.3)	25.5(14.3)	20.3(11.5)
		90° Intersection	mm (in)	1,683(66.2)	1,735(68.3)	1,790(70.4)
90° Staking		mm (in)	2,737(107.7)	2,789(109.8)	2,844(111.9)	
Weight (Unloaded)	Single tires	kg(lb)	3,560(7,848)	3,860(8,510)	4,325(9,535)	
	Double tires	kg(lb)	3,690(8,135)	3,990(8,796)	4,405(9,711)	
DIMENSION	A Max. Lifting Height	mm (in)	3,300(130)	3,300(130)	3,300(130)	
	B Free Lifting Height	mm (in)	155(6.1)	155(6.1)	155(6.1)	
	C Tilting (Forward)	deg	6	6	6	
	C' Tilting (Backward)	deg	10	10	10	
	D Max. Height	mm (in)	4,485(177)	4,485(177)	4,485(177)	
	E Min. Height	mm (in)	2,175(86)	2,175(86)	2,190(86)	
	F Outside Turning Radius Min.	mm (in)	2,273(89.5)	2,325(91.5)	2,380(93.7)	
	G Overall Length to fork face	mm (in)	2,550(100)	2,605(103)	2,675(105)	
	H Overall Width	Single	mm (in)	1,160(46)	1,160(46)	1,235(48)
		Double	mm (in)	1,520(60)	1,520(60)	1,520(60)
	I Overhead Guard Height	mm (in)	2,180(86)	2,180(86)	2,195(86)	
	J Ground Clearance	At the lowest point	mm (in)	130(5.1)	130(5.1)	145(5.7)
		Center of wheel base	mm (in)	184(7.2)	184(7.2)	200(7.9)
	K Wheel Base	mm (in)	1,650(65)	1,650(65)	1,650(65)	
	L Wheel Tread - Front	Single	mm (in)	965(38)	965(38)	1,005(40)
		Double	mm (in)	1,150(45)	1,150(45)	1,150(45)
M Wheel Tread - Rear	mm (in)	1,000(39)	1,000(39)	1,000(39)		
ENGINE	Model	-	Mitsubishi 4G64-33HL	Mitsubishi 4G64-33HL	Mitsubishi 4G64-33HL	
	Rated Power	ps/rpm(kW/rpm)	50/2,500(36.8)	50/2,500(36.8)	50/2,500(36.8)	
	Max. Engine Torque	kgf·m/rpm(lbf·ft/rpm)	17.0/1,600(123)	17.0/1,600(123)	17.0/1,600(123)	
	Displacement	cc(cu-in)	2,350(143)	2,350(143)	2,350(143)	
TIRE	Front - Drive	-	7.00-12-12PR	7.00-12-12PR	28 x 9-15-12PR	
	Rear - Load	-	6.00-9-10PR	6.00-9-10PR	6.5-10-10PR	