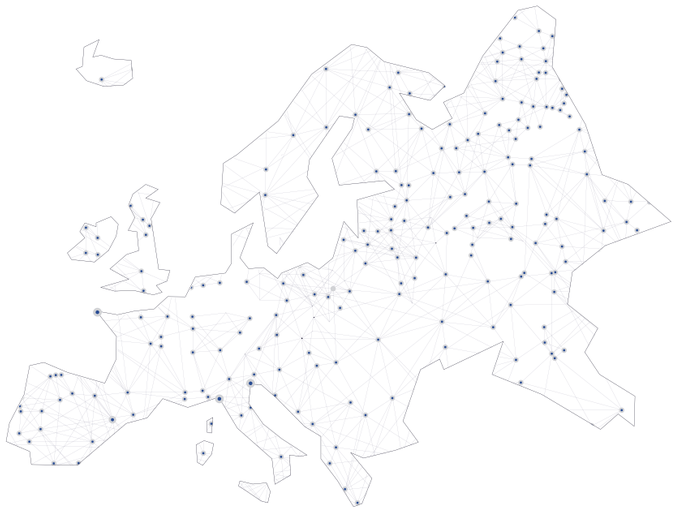
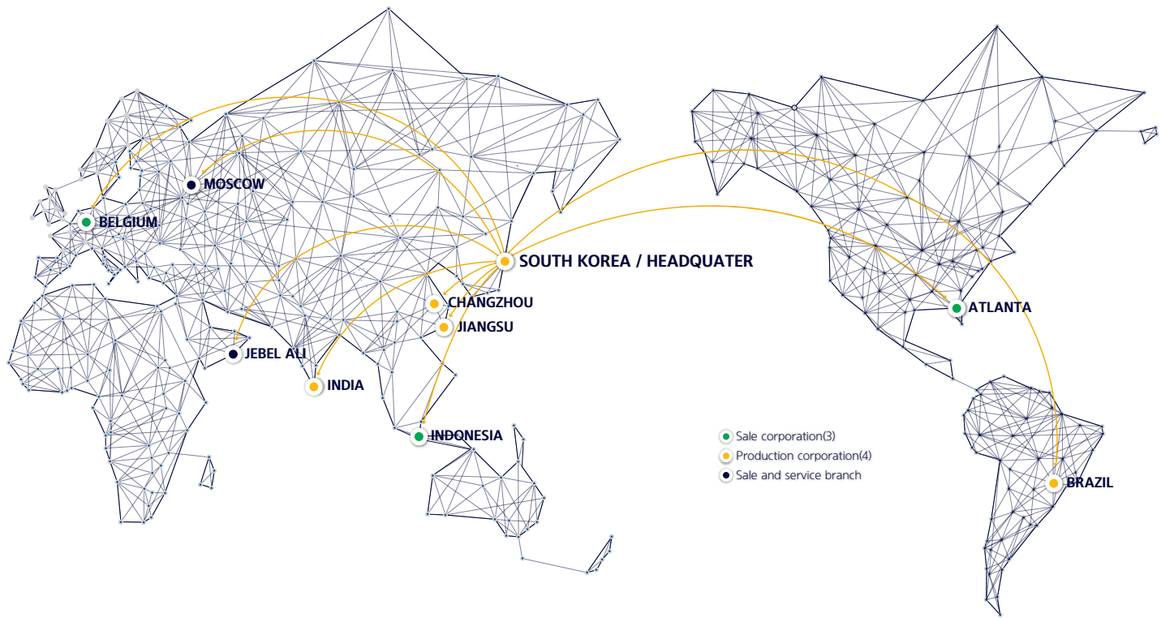
EUROPE DEALER NETWORK



HYUNDAI MATERIAL HANDLING GLOBAL NETWORK



BELGIUM



ATLANTA



JIANGSU



INDIA



BRAZIL



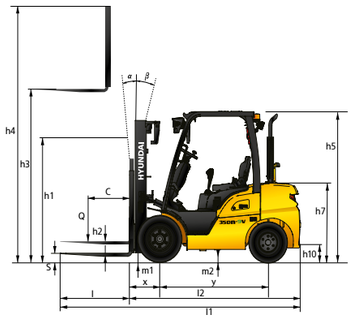
Internal Combustion Diesel Engine Forklift Truck

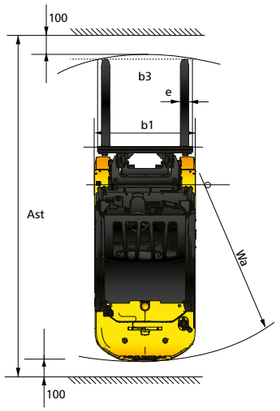
25/30D-9V
35DN-9V

TECHNICAL SPECIFICATION



SPECIFICATIONS

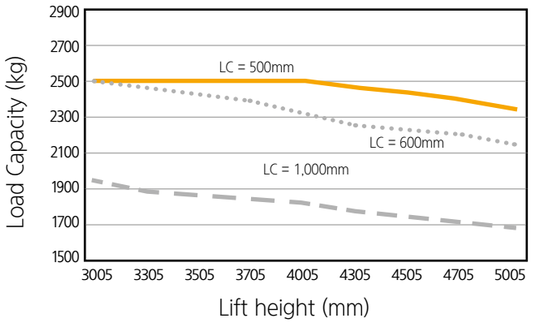




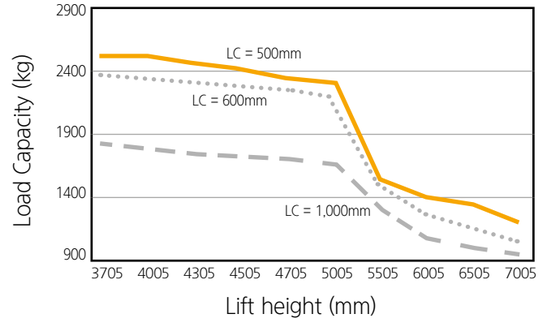
Distinguishing marks	1.1	Manufacturer				Hyundai	Hyundai	Hyundai
	1.2	Manufacturer's Model Designation				25D-9V	30D-9V	35DN-9V
	1.3	Drive				Diesel	Diesel	Diesel
	1.4	Type Of Operation				Seated	seated	seated
	1.5	Load Capacity		C	kg (lb)	2,500 (5,000)	3,000 (6,000)	3,500 (7,000)
	1.6	Load Center Distance		x	mm (in)	500 (24)	500 (24)	500 (24)
	1.8	Load Distance(Center of Drive Axle to Fork)		y	mm (in)	468 (18.4)	468 (18.4)	468 (18.4)
	1.9	Wheelbase			mm (in)	1,650 (65)	1,700 (67)	1,700 (67)
Weights	2.1	Service Weight			kg (lb)	3,871 (8,534)	4,300 (9,480)	4,616 (10,176)
	2.2	Axle Loading, Loaded	Front/Rear		kg (lb)	5,548(12,231) / 823(1,814)	6,349(13,997) / 9512(,097)	7,080(15,610) /1,035(2,282)
	2.3	Axle Loading, Unloaded	Front/Rear		kg (lb)	1,581(3,486) / 2,290(5,049)	1,641(3,618) / 2,659(5,862)	1,588(3,500) /3,028(6,676)
Tires/Chassis	3.1	Tires				Pneumatic	Pneumatic	Pneumatic
	3.2	Tire Size	Front			7.00-12-12PR	8.15-15-14PR	8.15-15-14PR
	3.3	Tire Size	Rear			6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
	3.5	Number of Wheels (x = Driven Wheels)	Front/Rear			2x2	2x2	2x2
	3.6	Tread	Front		mm (in)	999 (39.3)	1,005 (39.6)	1,005 (39.6)
	3.7	Tread	Rear		mm	980 (38.6)	980 (38.6)	980 (38.6)
Dimensions	4.1	Tilt of Mast/Fork Carriage Forward/Backrward		α /β	degree	6/10	6/10	6/10
	4.2	Height, Mast Lowered		h1	mm (in)	2,175 (85.6)	2,190 (86.2)	2,260 (89.0)
	4.3	Free Lift		h2	mm (in)	155 (6.1)	155 (6.1)	155 (6.1)
	4.4	Lift Height		h3	mm (in)	3,305 (130.1)	3,305 (130.1)	3,305 (130.1)
	4.5	Height, Mast Extended		h4	mm (in)	4,485 (176.6)	4,485 (176.6)	4,485 (176.6)
	4.7	Height of	Overhead Guard	h5	mm (in)	2,160 (85.0)	2,180 (85.8)	2,180 (85.8)
			Cabin			2,170 (85.4)	2,190 (86.2)	2,190 (86.2)
	4.8	Seat Height / Stand Height Rel. to SIP		h7	mm (in)	1,187 (46.7)	1,207 (47.5)	1,208 (47.6)
	4.12	Coupling Height		h10	mm (in)	310 (12.2)	300 (11.8)	295 (11.6)
	4.19	Overall Length		l1	mm (in)	3,672 (144.6)	3,751 (147.7)	3,816 (150.2)
	4.20	Length to Face of Forks		l2	mm (in)	2,622 (103.3)	2,701 (106.4)	2,756 (108.6)
	4.21	Overall Width		b1	mm (in)	1,200 (47.2)	1,230 (48.4)	1,230 (48.4)
	4.22	Fork Dimensions		lxexs	mm (in)	45x100x1050 (1.8x3.9x41.3)	45x122x1050 (1.8x4.8x41.3)	45x122x1050 (1.8x4.8x41.3)
	4.23	Fork Carriage Iso 2328, Class / Type A, B				2A	3A	3A
	4.24	Fork-Carriage Width		b3	mm (in)	1102 (43.4)	1102 (43.4)	1102 (43.4)
	4.31	Ground Clearance, Below Mast, Loaded		m1	mm (in)	130 (5.11)	145 (5.70)	145 (5.70)
	4.32	Ground Clearance, Center of Wheelbase		m2	mm (in)	172 (6.77)	171 (6.73)	171 (6.73)
	4.34.1	Aisle Width For Pallets 1000 X 1200 Crossways		Ast	mm (in)	4,020 (158.3)	4,095 (161.2)	4,148 (163.3)
	4.34.2	Aisle Width For Pallets 800 X 1200 Lengthways		Ast	mm (in)	4,220 (166.1)	4,295 (169.1)	4,348 (171.2)
	4.35	Turning Radius		Wa	mm (in)	2,352 (92.6)	2,427 (95.6)	2,480 (97.6)
	4.36	Smallest Pivot Point Distance			mm (in)	714 (28.1)	731 (28.8)	731 (28.8)
Performance data	5.1	Travel Speed	Loaded / Unloaded		km/h (mph)	16.4/17.7 (10.2/11.0)	17.2/18.8 (10.7/11.7)	16.9/18.8 (10.5/11.7)
	5.2	Lift Speed	Loaded / Unloaded		mm/s (ft/min)	580/610 (108/114)	580/610 (108/114)	480/500 (89/93)
	5.3	Lowering Speed	Loaded / Unloaded		mm/s (ft/min)	510/500 (101/99)	550/500 (109/99)	510/480 (101/95)
	5.6	Max. Drawbar Pull	Loaded / Unloaded		N (lb)	27,399/25,957 (6,157/5,833)	25,777/24,257 (5,793/5,451)	26,016/24,162 (5,847/5,430)
	5.8	Max. Gradeability	Loaded / Unloaded		%	42.7/21.5	34.1/20.1	30.6/17.7
	5.10	Service Brake				Hydraulic	Hydraulic	Hydraulic
Engine	7.1	Engine Manufacturer / Type				HMC D4HB	HMC D4HB	HMC D4HB
	7.2	Engine Power Acc. to Iso 1585			kW/rpm (hp/rpm)	47.8/2,300 (64.1/2,300)	47.8/2,300 (64.1/2,300)	47.8/2,300 (64.1/2,300)
	7.3	Maximum Torque			kgf · m/ rpm (lbf · ft/ rpm)	24.1/1,600 (174.3/1,600)	24.1/1,600 (174.3/1,600)	24.1/1,600 (174.3/1,600)
	7.4	No. of Cylinders / Displacement			EA/cc	4/2199	4/2199	4/2199
	7.5	Fuel Consumption Acc. to Vdi Cycle			l/h	2.7	3	3.2
Additional data	8.1	Type of Drive Control			AC	Power Shift	Power Shift	Power Shift
	8.2	Operating Pressure, System / Attachments			bar (psi)	200/140 (2,900/2,030)	200/140 (2,900/2,030)	200/140 (2,900/2,030)
	8.3	Oil Volume For Attachments			LPM (GPM-US)	55 (15)	55 (15)	55 (15)
	8.5	Trailer Coupling, Type Din				PIN	PIN	PIN

* The above specifications are based on V300 mast.
* In accordance with guideline 2198, this specification sheet provides details of the standard truck only. Non-standard tires, different masts, optional equipment, etc. may result in different values.

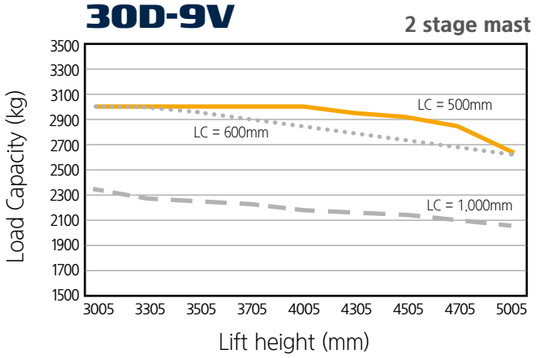
25D-9V — 2 stage mast



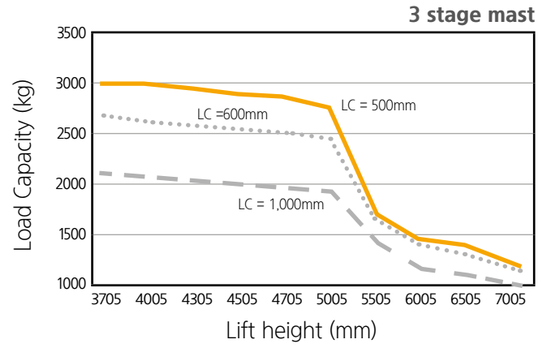
3 stage mast



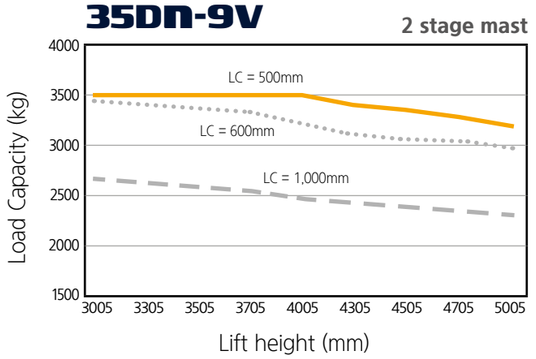
30D-9V — 2 stage mast



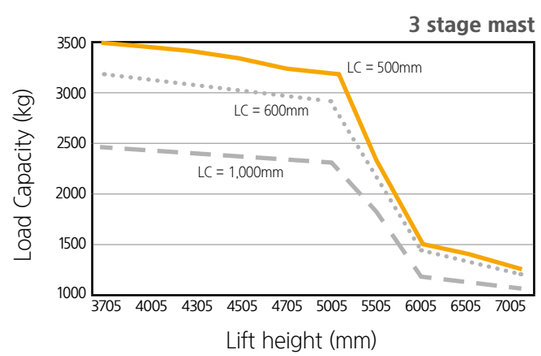
3 stage mast



35DN-9V — 2 stage mast



3 stage mast



MAST SPECIFICATION

25D-9V

Mast Type		Maximum Fork Height		Overall Height (Lowered)				Free Lift Height				Mast Tilt		Load capacity without Sideshift				Load capacity with Sideshift				Truck Weight (Unloaded)			
				Single Tire		Double Tire		With Load Backrest		Without Load Backrest		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2 Stage Limited Free Lift	V300	118.3	3,005	79.7	2,025	4.5	155	4.5	155	4.5	155	6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,492	3,852	8,820	4,001
	V330	130.1	3,305	85.6	2,175	4.5	155	4.5	155	4.5	155	6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,534	3,871	8,864	4,021
	V350	138.0	3,505	89.6	2,275	4.5	155	4.5	155	4.5	155	6	10	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,574	3,889	8,901	4,038
	V370	145.9	3,705	95.5	2,425	4.5	155	4.5	155	4.5	155	6	10	5,000	2,500	5,000	2,500	5,000	2,460	5,000	2,500	8,622	3,911	8,950	4,060
	V400	157.7	4,005	101.4	2,575	4.5	155	4.5	155	4.5	155	6	10	5,000	2,500	5,000	2,500	5,000	2,380	5,000	2,500	8,688	3,941	9,016	4,090
	V430	169.5	4,305	107.3	2,725	4.5	155	4.5	155	4.5	155	6	6	5,000	2,480	5,000	2,500	5,000	2,360	5,000	2,500	8,803	3,993	9,130	4,141
	V450	177.4	4,505	113.2	2,875	4.5	155	4.5	155	4.5	155	6	6	5,000	2,430	5,000	2,500	4,870	2,310	5,000	2,460	8,851	4,015	9,178	4,163
	V470	185.2	4,705	117.1	2,975	4.5	155	4.5	155	4.5	155	6	6	4,960	2,390	5,000	2,500	4,740	2,270	5,000	2,380	8,882	4,029	9,210	4,178
	V500	197.0	5,005	123.0	3,125	4.5	155	4.5	155	4.5	155	6	6	4,850	2,330	5,000	2,430	4,630	2,210	5,000	2,310	8,931	4,051	9,259	4,200
2 Stage Full Free Lift	VF295	117.2	2,976	79.7	2,025	33.3	845	54.2	1,377	54	1,377	6	6	5,000	2,500	5,000	2,500	5,000	2,500	5,000	2,500	8,536	3,872	8,875	4,026
	VF325	129.0	3,276	85.1	2,175	38.7	995	60.2	1,527	60	1,527	6	6	5,000	2,500	5,000	2,500	5,000	2,460	5,000	2,500	8,611	3,906	8,949	4,059
	VF345	136.9	3,476	89.6	2,275	43.1	1,095	64.1	1,627	64	1,627	6	6	5,000	2,500	5000	2,500	5,000	2,380	5,000	2,460	8,662	3,929	9,020	4,091
3 Stage Full Free Lift	TF370	145.9	3,705	71.9	1,825	25.4	645	46.3	1,177	43	1,081	6	6	5,000	2,500	5,000	2,500	5,000	2,460	5,000	2,500	8,737	3,963	9,074	4,116
	TF400	157.7	4,005	75.8	1,925	29.3	745	50.3	1,277	46	1,181	6	6	5,000	2,500	5,000	2,500	5,000	2,380	5,000	2,500	8,790	3,987	9,127	4,140
	TF430	169.5	4,305	79.7	2,025	33.3	845	54.2	1,377	50	1,281	6	6	5,000	2,440	5,000	2,500	5,000	2,320	5,000	2,460	8,829	4,005	9,167	4,158
	TF450	177.4	4,505	83.7	2,125	37.2	945	58.1	1,477	56	1,431	6	6	5,000	2,410	5,000	2,500	4,850	2,290	5,000	2,380	8,878	4,027	9,215	4,180
	TF470	185.2	4,705	85.6	2,175	39.2	995	60.1	1,527	56	1,431	6	6	4,920	2,360	5,000	2,450	4,700	2,240	4,860	2,330	8,907	4,040	9,245	4,194
	TF500	197.0	5,005	89.6	2,275	43.1	1,095	64.1	1,627	60	1,531	6	6	4,810	2,310	4,940	2,400	4,590	2,190	4,720	2,280	8,955	4,062	9,294	4,216
	TF550	216.7	5,505	97.4	2,475	51.0	1,295	71.9	1,827	70	1,781	6	6	3,240	1,550	4,780	2,310	3,020	1,430	4,560	2,190	9,041	4,101	9,380	4,255
	TF600	236.4	6,005	105.3	2,675	58.9	1,495	79.8	2,027	78	1,981	6	6	2,930	1,400	4,590	2,210	2,710	1,280	4,370	2,090	9,184	4,166	9,523	4,320
	TF650	256.1	6,505	113.2	2,875	66.7	1,695	80.5	2,044	75	1,904	3	3	2,840	1,350	4,540	2,180	2,620	1,230	4,320	2,060	9,288	4,213	9,626	4,366
	TF700	275.8	7,005	121.1	3,075	74.6	1,895	88.3	2,244	83	2,104	3	3	2,430	1,150	4,370	2,100	2,210	930	4,150	1,980	9,372	4,251	9,710	4,404
	TS370	145.9	3,705	71.9	1,825	25.4	645	46.3	1,177	37	946	6	6	5,000	2,500	5,000	2,500	5,000	2,460	5,000	2,500	8,737	3,963	9,074	4,116
	TS400	157.7	4,005	75.8	1,925	29.3	745	50.3	1,277	41	1,046	6	6	5,000	2,500	5,000	2,500	5,000	2,380	5,000	2,500	8,790	3,987	9,127	4,140
	TS430	169.5	4,305	79.7	2,025	33.3	845	54.2	1,377	45	1,146	6	6	5,000	2,440	5,000	2,500	5,000	2,320	5,000	2,460	8,829	4,005	9,167	4,158
	TS450	177.4	4,505	83.7	2,125	37.2	945	58.1	1,477	53	1,346	6	6	5,000	2,410	5,000	2,500	4,850	2,290	5,000	2,380	8,878	4,027	9,215	4,180
	TS470	185.2	4,705	85.6	2,175	39.2	995	60.1	1,527	51	1,296	6	6	4,920	2,360	5,000	2,450	4,700	2,240	4,860	2,330	8,907	4,040	9,245	4,194
	TS500	197.0	5,005	89.6	2,275	43.1	1,095	64.1	1,627	55	1,396	6	6	4,810	2,310	4,940	2,400	4,590	2,190	4,720	2,280	8,955	4,062	9,294	4,216
	TS550	216.7	5,505	97.4	2,475	51.0	1,295	71.9	1,827	67	1,696	6	6	3,240	1,550	4,780	2,310	3,020	1,430	4,560	2,190	9,041	4,101	9,380	4,255
	TS600	236.4	6,005	105.3	2,675	58.9	1,495	79.8	2,027	75	1,896	6	6	2,930	1,400	4,590	2,210	2,710	1,280	4,370	2,090	9,184	4,166	9,523	4,320
	TS650	256.1	6,505	113.2	2,875	66.7	1,695	79.4	2,016	74	1,876	3	3	2,840	1,350	4,540	2,180	2,620	1,230	4,320	2,060	9,288	4,213	9,626	4,366
	TS700	275.8	7,005	121.1	3,075	74.6	1,895	87.2	2,216	82	2,076	3	3	2,430	1,150	4,370	2,100	2,210	930	4,150	1,980	9,372	4,251	9,710	4,404
4 Stage Full Free Lift	QF610	240.7	6,115	85.0	2,160	38.6	980	59.5	1,512	56	1,412	3	3	3,330	1,600	4,410	2,120	3,110	1,480	4,190	2,000	9,718	4,408	10,102	4,582
	QF660	260.4	6,615	92.9	2,360	46.5	1,180	67.4	1,712	63	1,612	3	3	2,910	1,400	4,230	2,040	2,690	1,280	4,010	1,920	9,850	4,468	10,233	4,642
	QF700	276.2	7,015	96.9	2,460	50.4	1,280	71.3	1,812	67	1,712	3	3	2,290	1,100	4,120	1,980	2,070	980	3,900	1,860	9,918	4,499	10,300	4,672
	QF745	293.9	7,465	102.8	2,610	56.3	1,430	75.4	1,915	69	1,762	3	3	1,680	800	3,420	1,650	1,460	680	3,200	1,530	10,018	4,544	10,402	4,718
	QF790	311.6	7,915	108.7	2,760	62.2	1,580	75.4	1,915	69	1,762	3	3	1,260	600	2,600	1,250	1,240	480	2,380	1,130	10,240	4,645	10,623	4,819

30D-9V

Mast Type		Maximum Fork Height		Overall Height (Lowered)				Free Lift Height				Mast Tilt		Load capacity without Sideshift				Load capacity with Sideshift				Truck Weight (Unloaded)			
				Single Tire		Double Tire		With Load Backrest		Without Load Backrest		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2 Stage Limited Free Lift	V300	118.3	3,005	80.3	2,040	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,436	4,280	9,716	4,407
	V330	130.1	3,305	86.2	2,190	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,480	4,300	9,761	4,427
	V350	138.0	3,505	90.2	2,290	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,519	4,318	9,800	4,445
	V370	145.9	3,705	96.1	2,440	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	2,930	6,000	3,000	9,570	4,341	9,850	4,468
	V400	157.7	4,005	102.0	2,590	4.5	155	4.5	155	4.5	155	6	10	6,000	3,000	6,000	3,000	6,000	2,820	6,000	3,000	9,638	4,372	9,918	4,499
	V430	169.5	4,305	107.9	2,740	4.5	155	4.5	155	4.5	155	6	6	6,000	2,960	6,000	3,000	6,000	2,780	6,000	2,950	9,754	4,424	10,034	4,552
	V450	177.4	4,505	113.8	2,890	4.5	155	4.5	155	4.5	155	6	6	6,000	2,920	6,000	3,000	5,800	2,740	6,000	2,825	9,804	4,447	10,084	4,574
	V470	185.2	4,705	117.7	2,990	4.5	155	4.5	155	4.5	155	6	6	5,910	2,850	6,000	2,930	5,610	2,670	5,830	2,755	9,837	4,462	10,118	4,589
	V500	197.0	5,005	123.6	3,140	4.5	155	4.5	155	4.5	155	6	6	5,820	2,650	5,970	2,890	5,520	2,470	5,670	2,715	9,888	4,485	10,168	4,612
2 Stage Full Free Lift	VF295	117.2	2,976	80.3	2,040	33.9	860	51.7	1,314	51.7	1,314	6	6	6,000	3,000	6,000	3,000	6,000	3,000	6,000	3,000	9,537	4,326	9,727	4,412
	VF325	129.0	3,276	85.1	2,190	38.7	1,010	60.2	1,464	58	1,464	6	6	6,000	3,000	6,000	3,000	6,000	2,950	6,000	3,000	9,610	4,359	9,799	4,445
	VF345	136.9	3,476	90.2	2,290	43.7	1,110	61.6	1,564	62	1,564	6	6	6,000	3,000	6,000	3,000	6,000	2,820	6,000	2,950	9,734	4,415	9,923	4,501
3 Stage Full Free Lift	TF370	145.9	3,705	72.4	1,840	26.0	660	43.9	1,114	43	1,081	6	6	6,000	3,000	6,000	3,000	6,000	2,820	6,000	3,000	9,821	4,455	10,098	4,580
	TF400	157.7	4,005	76.4	1,940	29.9	760	47.8	1,214	46	1,181	6	6	6,000	3,000	6,000	3,000	6,000	2,800	6,000	2,950	9,875	4,479	10,152	4,605
	TF430	169.5	4,305	80.3	2,040	33.9	860	51.7	1,314	50	1,281	6	6	6,000	2,930	6,000	3,000	5,810	2,750	6,000	2,825	9,923	4,501	10,200	4,627
	TF450	177.4	4,505	84.3	2,140	37.8	960	55.7	1,414	56	1,414	6	6	5,930	2,880	6,000	2,940	5,630	2,700	5,830	2,765	9,979	4,527	10,256	4,652
	TF470	185.2	4,705	86.2	2,190	39.8	1,010	57.6	1,464	56	1,431	6	6	5,890	2,850	5,970	2,900	5,590	2,670	5,670	2,725	10,011	4,541	10,287	4,666
	TF500	197.0	5,005	90.2	2,290	43.7	1,110	61.6	1,564	60	1,531	6	6	5,730	2,700	5,840	2,840	5,430	2,520	5,540	2,665	10,060	4,563	10,337	4,689
	TF550	216.7	5,505	98.0	2,490	51.6	1,310	69.4	1,764	69	1,764	6	6	3,660	1,750	5,640	2,720	3,360	1,570	5,340	2,545	10,157	4,607	10,434	4,733
	TF600	236.4	6,005	105.9	2,690	59.4	1,510	77.3	1,964	77	1,964	6	6	3,020	1,450	5,450	2,630	2,720	1,270	5,150	2,455	10,311	4,677	10,588	4,803
	TF650	256.1	6,505	113.8	2,890	67.3	1,710	81.1	2,061	76	1,921	3	3	2,930	1,400	5,380	2,590	2,630	1,220	5,080	2,415	10,423	4,728	10,700	4,854
	TF700	275.8	7,005	121.7	3,090	75.2	1,910	89.0	2,261	84	2,121	3	3	2,540	1,200	5,200	2,500	2,240	1,020	4,900	2,325	10,520	4,772	10,797	4,897
	TS370	145.9	3,705	72.4	1,840	26.0	660	43.9	1,114	41	1,053	6	6	6,000	3,000	6,000	3,000	6,000	2,820	6,000	3,000	9,821	4,455	10,098	4,580
	TS400	157.7	4,005	76.4	1,940	29.9	760	47.8	1,214	45	1,153	6	6	6,000	3,000	6,000	3,000	6,000	2,800	6,000	2,950	9,875	4,479	10,152	4,605
	TS430	169.5	4,305	80.3	2,040	33.9	860	51.7	1,314	49	1,253	6	6	6,000	2,930	6,000	3,000	5,810	2,750	6,000	2,825	9,923	4,501	10,200	4,627
	TS450	177.4	4,505	84.3	2,140	37.8	960	55.7	1,414	55	1,403	6	6	5,930	2,880	6,000	2,940	5,630	2,700	5,830	2,765	9,979	4,527	10,256	4,652
	TS470	185.2	4,705	86.2	2,190	39.8	1,010	57.6	1,464	55	1,403	6	6	5,890	2,850	5,970	2,900	5,590	2,670	5,670	2,725	10,011	4,541	10,287	4,666
	TS500	197.0	5,005	90.2	2,290	43.7	1,110	61.6	1,564	59	1,503	6	6	5,730	2,700	5,840	2,840	5,430	2,520	5,540	2,665	10,060	4,563	10,337	4,689
	TS550	216.7	5,505	98.0	2,490	51.6	1,310	69.4	1,764	69	1,753	6	6	3,660	1,750	5,640	2,720	3,360	1,570	5,340	2,545	10,157	4,607	10,434	4,733
	TS600	236.4	6,005	105.9	2690	59.4	1,510	77.3	1,964	77	1,953	6	6	3,020	1,450	5,450	2,630	2,720	1,270	5,150	2,455	10,311	4,677	10,588	4,803
	TS650	256.1	6,505	113.8	2,890	67.3	1,710	80.0	2,033	75	1,893	3	3	2,930	1,400	5,380	2,590	2,630	1,220	5,080	2,415	10,423	4,728	10,700	4,854
	TS700	275.8	7,005	121.7	3,090	75.2	1,910	87.9	2,233	82	2,093	3	3	2,540	1,200	5,200	2,500	2,240	1,020	4,900	2,325	10,520	4,772	10,797	4,897
4 Stage Full Free Lift	QF610	240.7	6,115	85.6	2,175	39.2	995	57.0	1,449	57	1,449	3	3	3,530	1,700	5,290	2,560	3,230	1,520	4,990	2,385	10,724	4,864	11,042	5,008
	QF660	260.4	6,615	93.5	2,375	47.0	1,195	64.9	1,649	65	1,649	3	3	3,130	1,500	5,090	2,460	2,830	1,320	4,790	2,285	10,855	4,924	11,173	5,068
	QF700	276.2	7,015	97.4	2,475	51.0	1,295	68.9	1,749	69	1,749	3	3	2,510	1,200	4,960	2,400	2,210	1,020	4,660	2,225	10,922	4,954	11,240	5,099
	QF745	293.9	7,465	103.3	2,625	56.9	1,445	74.8	1,899	69	1,762	3	3	1,870	900	4,830	2,320	1,570	720	4,530	2,145	11,024	5,000	11,341	5,144
	QF790	311.6	7,915	109.3	2,775	62.8	1,595	75.4	1,915	69	1,762	3	3	1,480	700	4,650	2,230	1,180	520	4,350	2,055	11,245	5,101	11,563	5,245

35Dn-9V

Mast Type		Maximum Fork Height		Overall Height (Lowered)				Free Lift Height				Mast Tilt		Load capacity without Sideshift				Load capacity with Sideshift				Truck Weight (Unloaded)			
				Single Tire		Double Tire		With Load Backrest		Without Load Backrest		Fwd	Bwd	Single Tire		Double Tire		Single Tire		Double Tire		Single Tire		Double Tire	
														24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC	24 in LC	500mm LC				
		in	mm	in	mm	in	mm	in	mm	in	mm	deg	deg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
2 Stage Limited Free Lift	V300	118.3	3,005	83.1	2,110	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	10,121	4,591	10,416	4,725
	V330	130.1	3,305	89.0	2,260	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	10,173	4,615	10,468	4,748
	V350	138.0	3,505	92.9	2,360	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	7,000	3,440	7,000	3,500	10,208	4,630	10,503	4,764
	V370	145.9	3,705	98.8	2,510	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	6,890	3,390	7,000	3,460	10,261	4,654	10,555	4,788
	V400	157.7	4,005	104.7	2,660	4.5	155	4.5	155	4.5	155	6	10	7,000	3,500	7,000	3,500	6,730	3,310	6,860	3,380	10,331	4,686	10,626	4,820
	V430	169.5	4,305	110.6	2,810	4.5	155	4.5	155	4.5	155	6	6	6,950	3,420	7,000	3,500	6,580	3,230	6,710	3,300	10,449	4,740	10,744	4,873
	V450	177.4	4,505	116.5	2,960	4.5	155	4.5	155	4.5	155	6	6	6,850	3,370	7,000	3,470	6,470	3,180	6,620	3,250	10,501	4,763	10,796	4,897
	V470	185.2	4,705	120.5	3,060	4.5	155	4.5	155	4.5	155	6	6	6,750	3,310	6,930	3,420	6,380	3,130	6,530	3,200	10,536	4,779	10,831	4,913
	V500	197.0	5,005	126.4	3,210	4.5	155	4.5	155	4.5	155	6	6	6,600	3,240	6,800	3,350	6,250	3,060	6,380	3,140	10,589	4,803	10,883	4,937
2 Stage Full Free Lift	VF295	117.2	2,976	83.1	2,110	36.6	930	54.5	1,384	54	1,384	6	6	7,000	3,500	7,000	3,500	7,000	3,500	7,000	3,500	10,305	4,674	10,593	4,805
	VF325	129.0	3,276	89.0	2,260	41.9	1,080	60.1	1,534	60	1,534	6	6	7,000	3,500	7,000	3,500	7,000	3,460	7,000	3,500	10,382	4,709	10,670	4,840
	VF345	136.9	3,476	92.9	2,360	46.5	1,180	64.3	1,634	64	1,634	6	6	7,000	3,500	7,000	3,500	6,900	3,400	7,000	3,460	10,460	4,745	10,746	4,875
3 Stage Full Free Lift	TF370	145.9	3,705	75.2	1,910	28.7	730	43.9	1,114	44	1,114	6	6	7,000	3,500	7,000	3,500	6,750	3,320	6,860	3,390	10,619	4,817	10,907	4,947
	TF400	157.7	4,005	79.1	2,010	32.7	830	47.8	1,214	48	1,214	6	6	6,950	3,440	7,000	3,500	6,600	3,240	6,730	3,320	10,667	4,839	10,955	4,969
	TF430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	52	1,314	6	6	6,820	3,360	7,000	3,460	6,460	3,170	6,600	3,250	10,713	4,860	11,001	4,990
	TF450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	56	1,414	6	6	6,710	3,310	6,890	3,410	6,380	3,120	6,510	3,200	10,761	4,881	11,049	5,012
	TF470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	58	1,464	6	6	6,620	3,260	6,800	3,360	6,290	3,080	6,420	3,160	10,791	4,895	11,079	5,025
	TF500	197.0	5,005	92.9	2,360	46.5	1,180	61.6	1,564	62	1,564	6	6	6,490	3,190	6,670	3,290	6,160	3,010	6,290	3,090	10,841	4,917	11,129	5,048
	TF550	216.7	5,505	100.8	2560	54.3	1,380	69.4	1,764	69	1,764	6	6	4,820	2,340	6,450	3,170	4,490	2,190	6,070	2,980	10,937	4,961	11,225	5,092
	TF600	236.4	6,005	108.7	2,760	62.2	1,580	77.3	1,964	77	1,964	6	6	3,100	1,500	6,230	3,060	2,810	1,360	5,870	2,870	11,097	5,034	11,385	5,164
	TF650	256.1	6,505	116.5	2,960	70.1	1,780	85.2	2,164	81	2,061	3	3	2,860	1,400	6,000	2,950	2,570	1,240	5,670	2,770	11,204	5,082	11,492	5,213
	TF700	275.8	7,005	124.4	3,160	78.0	1,980	93.1	2,364	89	2,261	3	3	2,570	1,240	5,800	2,850	2,280	1,090	5,500	2,680	11,293	5,123	11,581	5,253
	TS370	145.9	3,705	75.2	1,910	28.7	730	43.9	1,114	44	1,114	6	6	7,000	3,500	7,000	3,500	6,750	3,320	6,860	3,390	10,619	4,817	10,907	4,947
	TS400	157.7	4,005	79.1	2,010	32.7	830	47.8	1,214	48	1,214	6	6	6,950	3,440	7,000	3,500	6,600	3,240	6,730	3,320	10,667	4,839	10,955	4,969
	TS430	169.5	4,305	83.1	2,110	36.6	930	51.7	1,314	52	1,314	6	6	6,820	3,360	7,000	3,460	6,460	3,170	6,600	3,250	10,713	4,860	11,001	4,990
	TS450	177.4	4,505	87.0	2,210	40.6	1,030	55.7	1,414	56	1,414	6	6	6,710	3,310	6,890	3,410	6,380	3,120	6,510	3,200	10,761	4,881	11,049	5,012
	TS470	185.2	4,705	89.0	2,260	42.5	1,080	57.6	1,464	58	1,464	6	6	6,620	3,260	6,800	3,360	6,290	3,080	6,420	3,160	10,791	4,895	11,079	5,025
	TS500	197.0	5,005	92.9	2,360	46.5	1,180	61.6	1,564	62	1,564	6	6	6,490	3,190	6,670	3,290	6,160	3,010	6,290	3,090	10,841	4,917	11,129	5,048
	TS550	216.7	5,505	100.8	2,560	54.3	1,380	69.4	1,764	69	1,764	6	6	4,820	2,340	6,450	3,170	4,490	2,190	6,070	2,980	10,937	4,961	11,225	5,092
	TS600	236.4	6,005	108.7	2,760	62.2	1,580	77.3	1,964	77	1,964	6	6	3,100	1,500	6,230	3,060	2,810	1,360	5,870	2,870	11,097	5,034	11,385	5,164
	TS650	256.1	6,505	116.5	2,960	70.1	1,780	82.8	2,103	80	1,963	3	3	2,860	1,400	6,000	2,950	2,570	1,240	5,670	2,770	11,204	5,082	11,492	5,213
	TS700	275.8	7,005	124.4	3,160	78.0	1,980	90.7	2,303	88	2,163	3	3	2,570	1,240	5,800	2,850	2,280	1,090	5,500	2,680	11,293	5,123	11,581	5,253
4 Stage Full Free Lift	QF610	240.7	6,115	87.6	2,225	41.1	1,045	57.0	1,449	57	1,449	3	3	4,200	2,050	6,050	2,950	3,950	1,900	5,670	2,770	11,375	5,160	11,675	5,296
	QF660	260.4	6,615	95.5	2,425	49.0	1,245	64.9	1,649	65	1,649	3	3	3,800	1,830	5,830	2,850	3,470	1,680	5,470	2,670	11,508	5,220	11,808	5,356
	QF700	276.2	7,015	99.4	2,525	53.0	1,345	68.9	1,749	69	1,749	3	3	2,770	1,320	5,700	2,780	2,460	1,180	5,640	2,600	11,574	5,250	11,873	5,386
	QF745	293.9	7,465	105.3	2,675	58.9	1,495	74.8	1,899	73	1,862	3	3	1,930	920	5,520	2,690	1,630	780	5,190	2,520	11,668	5,293	11,967	5,428
	QF790	311.6	7,915	111.2	2,825	64.8	1,645	79.3	2,015	73	1,862	3	3	1,360	640	5,340	2,600	1,080	510	5,010	2,440	11,897	5,396	12,196	5,532

STANDARD & OPTION

	Part	Description	25D-9V	30D-9V	35DN-9V
OPERATION ROOM	OHG	Overhead Guard *25D-9V : 2,160mm, 30D-9V & 35DN-9V : 2,180mm	●	●	●
		Overhead guard with Rain Cover *25D-9V : 2,170mm, 30D-9V & 35DN-9V : 2,190mm	○	○	○
	Cabin	Cabin Options - One door, Two door	○	○	○
		Partial Cabin - Front glass with Wiper, Rear glass & Top Rain Cover	○	○	○
	A/C	Air Conditioner and/or Heater	○	○	○
	Seat	Full Suspension Synthetic leather Seat + Orange Belt, Arm Rest, Seat Switch	●	●	●
		Non Suspension Seat + Orange Belt, Seat Switch	○	○	○
		Seat accessories - Back Rest, Seat Switch, Belt Switch, Heat	○	○	○
		Additional options for Non Suspension Seat - Belt Switch	○	○	○
	Lever	Lever - General	●	●	●
		Lever - Finger Tip	○	○	○
	Ect.	Radio & USB	○	○	○
		Rear Horn	●	●	●
		Extinguisher	○	○	○
MAST & ATTACHMENT	Mast	2 Stage mast - Standard(V)	●	●	●
		2 Stage mast - Single full free(VF)	○	○	○
		3 Stage mast - Single full free(TF), Dual full free(TS)	○	○	○
	Fork	1,200mm Fork	●	●	●
		Fork Options - 900mm~2,300mm	○	○	○
	Carriage	Carriage - Narrow(1,102mm/Hook)	●	●	●
		Carriage Options	-	-	-
		- Wide(1,442mm/Hook)	○	○	○
		- Special(1,214mm/Hook)	-	○	○
	Attachment	Jungkyung Side Shift	○	○	○
		Jungkyung Fork Positioner – Synchronized or Independent	○	○	○
HYDRAULICS	MCV & Hoses	3 Spool MCV + attached piping for V330 mast	●	●	●
		MCV Options - 4 Spool	○	○	○
		Attached Piping for All MCVs & Masts	○	○	○
		Brake - General type	●	●	●
		Brake - Booster type	○	○	○
TIRE	Tires	Tire - Pneumatic(Single)	●	●	●
		Tire Options	-	-	-
		- Solid	○	○	○
		- Non Marking	○	○	○
		- Front Pneumatic + Rear Solid	○	○	○
		- Front Solid + Rear Pneumatic	○	○	○
		- Pneumatic Double or Solid Double tire (15" wheel rim)	○	○	○
VISIBILITY	Lamp	Working Lamp - Front Bulb	●	●	●
		Working Lamp Options - Front LED, Rear LED, Rear Bulb	○	○	○
		Rear Blue Spot	○	○	○
		LED Beacon Lamp	○	○	○
	Mirror	Mirror - Panorama	●	●	●
		Mirror Options - L/H & R/H Back Mirror, Outside Mirror	○	○	○
	Camera	Rear Camera only	○	○	○
		Front & Rear Camera	○	○	○
CONVENIENCE	-	Knob-Switch with Direction & Horn	●	●	●
		Auto Tilt	○	○	○
		Load Sensor	○	○	○
		Hydraulic Pressure Display	●	●	●
SAFETY	-	OPSS - Travel & Mast	●	●	●
		Master Switch to cut off electricity from battery	●	●	●
		Hazard Switch	○	○	○
OTHERS	-	Steel Side Cover	●	●	●
		Plastic Side Cover	○	○	○
		Rear Tire Cover + Under Cover	○	○	○
		Fuel Cap with Key	○	○	○
		Pre-cleaner	○	○	○
		Hyd. Oil-VG46	●	●	●
		Hyd. Oil Options - VG68 for Tropical, VG15 & VG32 for Cold Area	○	○	○
		Accumulator	○	○	○

● : STD / ○ : OPT

PRODUCT FEATURE



Productivity & Durability

- An HMC D4HB 47.8kW diesel engine which meets EU Stage 5 regulations. Depending on the working conditions, the operator can select the engine power between power mode and standard mode.
- New HYUNDAI CORE MOTION transmission, electronic proportional controlled by transmission control unit TCU.
- The drive-off performance and the creep-speed can be adjusted by the cluster. And an electronic inching system improves fine controllability.
- Regardless of the weight or temperature fluctuation of T/M oil, the starting and driving characteristics remain the same.
- New HYUNDAI CORE MOTION drive-axle with an increased volume of drive-axle oil in order to increase durability & life span of the wet disk brake system.



Enhanced Safety

- Auto Parking Brake : Automatically applied when engine is switched off.
- HAC (Hill Start Assist Control) : Activates the parking brake when stopping on a slope and prevents rolling backwards during drive-off.
- OPSS (simultaneously operated with Auto Parking) : Driving, lifting, and tilting are restricted when the operator leaves the driver's seat.
- Seat belt Interlock System : Driver needs to wear the seat-belt in order to work with the machine. (OPT)
- Machine access password: A password needs to be entered to prevent unauthorized use of the forklift.



Outstanding Operability

- A reduced steering-wheel diameter in combination with the new Danfoss orbitrol offer the driver a perfect machine handling.
- The Grammer seat stands for a high quality seat with a wider seat cushion and ELR seat belt.
- The new cluster with improved design and features. MCU (Machine Control Unit) is integrated in the cluster, less wiring and less components for increased durability.
- New Fingertip system with new MCV (by Buchholz), ensures improved response time, feeling and extended fine-tuning possibilities. (OPT)



Easy Service

- Maintenance or replacement of the DPF device is possible without counterweight removal.
- Extended on-board diagnostics and monitoring (eg. DPF regeneration progress) through the cluster.
- Water and dustproof fuse & relay box