



HYUNDAI

3T Diesel Forklift – 30D-9E
SPECIFICATION SHEET



Technical Data

Machine Specifications	Standard
Service Weight	4219 kg
Axle Load, With Load, Front / Rear	6355 kg / 863 kg
Axle Load, Without Load, Front / Rear	1647 / 2572 kg
Load Capacity (standard) Rated Load	3000 kg
Load Center Distance	500 mm
Load distance, center of drive axle to forks	468 mm
Wheelbase	1700 mm

Dimensions	
Overall Length	3726 mm
Total Width (overall)	1228 mm
Fork Dimensions	1050 x 122 x 45 mm
Height (mast lowered)	2190 mm
Height (mast extended)	4485 mm
Height of Seat	1212 mm
Lifting Height	3305 mm
Free Lift	155 mm

Performances	
Travel speed, unloaded	18.4 km/h
Lift speed, loaded / unloaded	440 / 490 mm/s
Lowering Speed, loaded / unloaded	500 / 450 mm/s
Drawbar pull, loaded	1772 kg
Gradient performance, loaded	22.3%
Service Brake	FOOT

Engines	
Manufacturer / Type of Engine	Yanmar 4TNE92
Engine Power Acc. To ISO 1585	33.4 (45.4 ps) / 2450 kW/rpm
Maximum Torque	14.7 / 1600 kg.f.m / rpm
No. of Cylinder / Cubic Capacity	4 / 2659 EA/cc
Fuel Consumption Acc. To VDI cycle	3.4 L/H

Truck Weight (30D-9)

Mast Type		Truck Weight (Unloaded)			
		Single Tire		Double Tire	
		lb	kg	lb	kg
2-Stage Limited free lift	V300	9431	4278	9638	4372
	*V330	9475	4298	9683	4392
	V350	9515	4316	9722	4410
	V370	9544	4329	9751	4423
	V400	9632	4369	9841	4464
	V430	9749	4422	9956	4516
	V450	9799	4445	10007	4539
	V470	9832	4460	10040	4554
2-Stage full free lift	V500	9883	4483	10090	4577
	VF295	9575	4343	9780	4436
	VF325	9652	4378	9857	4471
3-Stage full free lift	VF345	9729	4413	9934	4506
	TF370/TS370	9815	4452	10020	4545
	TF400/TS400	9870	4477	10073	4569
	TF430/TS430	9918	4499	10121	4591
	TF450/TS450	9974	4524	10179	4617
	TF470/TS470	10004	4538	10209	4631
	TF500/TS500	10055	4561	10258	4653
	TF550/TS550	10152	4605	10355	4697
	TF600/TS600	10306	4675	10509	4767
	TF650/TS650	10419	4726	10622	4818
4-Stage full free lift	TF700/TS700	10514	4769	10719	4862
	QF610	10719	4862	10963	4973
	QF660	10851	4922	11096	5033
	QF700	10971	4952	11162	5063
	QF745	11019	4998	11263	5109
	QF790	11239	5098	11486	5210

Truck Weight (30D-9E)

Mast Type		Truck Weight (Unloaded)			
		Single Tire		Double Tire	
		lb	kg	lb	kg
2-Stage Limited free lift	V300	9257	4199	9464	4293
	*V330	9301	4219	9508	4313
	V350	9341	4237	9548	4331
	V370	9370	4250	9577	4344
	V400	9458	4290	9667	4385
	V430	9575	4343	9782	4437
	V450	9625	4366	9832	4460
	V470	9658	4381	9866	4475
	V500	9709	4404	9916	4498
	2-Stage full free lift	VF295	9400	4264	9605
VF325		9478	4299	9683	4392
VF345		9555	4334	9760	4427
3-Stage full free lift	TF370/TS370	9641	4373	9846	4466
	TF400/TS400	9696	4398	9899	4490
	TF430/TS430	9744	4420	9947	4512
	TF450/TS450	9799	4445	10004	4538
	TF470/TS470	9830	4459	10035	4552
	TF500/TS500	9881	4482	10084	4574
	TF550/TS550	9978	4526	10181	4618
	TF600/TS600	10132	4596	10335	4688
	TF650/TS650	10245	4647	10448	4739
	TF700/TS700	10340	4690	10545	4783
4-Stage full free lift	QF610	10545	4783	10789	4894
	QF660	10677	4843	10922	4954
	QF700	10743	4873	10988	4984
	QF745	10844	4919	11089	5030
	QF790	11065	5019	11312	5131

Mast Specification (30D-9 & 30D-9E)

Mast Type		Maximum Fork Height		Overall Height (Lowered)		Free Lift Height				Tilt Angle (deg)	Load Capacity without side shift				Load Capacity with side shift			
						With Load Backrest		Without Load Backrest			Single Tire		Double Tire		Single Tire		Double Tire	
		inch	mm	inch	mm	inch	mm	inch	mm		24 in LC	500 mm LC	24 in LC	500 mm LC	24 in LC	500 mm LC	24 in LC	500 mm LC
		lb	kg	lb	kg	lb	kg	lb	kg		lb	kg	lb	kg	lb	kg	lb	kg
2-Stage Limited free lift	V300	118.3	3005	80.3	2040	4.5	155	4.5	155	6 / 10	6000	3000	6000	3000	6000	3000	6000	3000
	*V330	130.1	3305	86.2	2190	4.5	155	4.5	155	6 / 10	6000	3000	6000	3000	6000	3000	6000	3000
	V350	138.0	3505	90.2	2290	4.5	155	4.5	155	6 / 10	6000	3000	6000	3000	6000	3000	6000	3000
	V370	145.9	3705	96.1	2440	4.5	155	4.5	155	6 / 10	6000	3000	6000	3000	6000	2930	6000	3000
	V400	157.7	4005	102.0	2590	4.5	155	4.5	155	6 / 10	6000	3000	6000	3000	6000	2820	6000	3000
	V430	169.5	4305	107.9	2740	4.5	155	4.5	155	6 / 6	6000	2960	6000	3000	6000	2780	6000	2950
	V450	177.4	4505	113.8	2890	4.5	155	4.5	155	6 / 6	6000	2920	6000	3000	5800	2740	6000	2825
	V470	185.2	4705	117.7	2990	4.5	155	4.5	155	6 / 6	5910	2850	6000	2930	5610	2670	5830	2755
2-Stage full free lift	V500	197.0	5005	123.6	3140	4.5	155	4.5	155	6 / 6	5820	2650	5970	2890	5520	2470	5670	2715
	VF295	117.2	2976	80.3	2040	33.9	860	51.7	1314	6 / 6	6000	3000	6000	3000	6000	3000	6000	3000
	VF325	129.0	3276	85.1	2190	38.7	1010	60.2	1464	6 / 6	6000	3000	6000	3000	6000	2950	6000	3000
3-Stage full free lift	VF345	136.9	3476	90.2	2290	43.7	1110	61.6	1564	6 / 6	6000	3000	6000	3000	6000	2820	6000	2950
	TF370/TS370	145.9	3705	72.4	1840	26.0	660	43.9	1114	6 / 6	6000	3000	6000	3000	6000	2820	6000	3000
	TF400/TS400	157.7	4005	76.4	1940	29.9	760	47.8	1214	6 / 6	6000	3000	6000	3000	6000	2800	6000	2950
	TF430/TS430	169.5	4305	80.3	2040	33.9	860	51.7	1314	6 / 6	6000	2930	6000	3000	5810	2750	6000	2825
	TF450/TS450	177.4	4505	84.3	2140	37.8	960	55.7	1414	6 / 6	5930	2880	6000	2940	5630	2700	5830	2765
	TF470/TS470	185.2	4705	86.2	2190	39.8	1010	57.6	1464	6 / 6	5890	2850	5970	2900	5590	2670	5670	2725
	TF500/TS500	197.0	5005	90.2	2290	43.7	1110	61.6	1564	6 / 6	5730	2700	5840	2840	5430	2520	5540	2665
	TF550/TS550	216.7	5505	98.0	2490	51.6	1310	69.4	1764	6 / 6	3660	1750	5640	2720	3360	1570	5340	2545
	TF600/TS600	236.4	6005	105.9	2690	59.4	1510	77.3	1964	6 / 6	3020	1450	5450	2630	2720	1270	5150	2455
	TF650/TS650	256.1	6505	113.8	2890	67.3	1710	85.2	2164	3 / 3	2930	1400	5380	2590	2630	1220	5080	2415
4-Stage full free lift	TF700/TS700	275.8	7005	121.7	3090	75.2	1910	93.1	2364	3 / 3	2540	1200	5200	2500	2240	1020	4900	2325
	QF610	240.7	6115	85.6	2175	39.2	995	57.0	1449	3 / 3	3530	1700	5290	2560	3230	1520	4990	2385
	QF660	260.4	6615	93.5	2375	47.0	1195	64.9	1649	3 / 3	3130	1500	5090	2460	2830	1320	4790	2285
	QF700	276.2	7015	97.4	2475	51.0	1295	68.9	1749	3 / 3	2510	1200	4960	2400	2210	1020	4660	2225
	QF745	293.9	7465	103.3	2625	56.9	1445	74.8	1899	3 / 3	1870	900	4830	2320	1570	720	4530	2145
	QF790	311.6	7915	109.3	2775	62.8	1595	80.7	2049	3 / 3	1480	700	4650	2230	1180	520	4350	2055