

2.0-3.5T diesel

Forklift Specification

General	1	Model			FD20T	FD25T	FD30T	FD35T	
	2	Type			AWE5/AWV5/AWV3/GK5/G(2)5				
	3	Power Type			Diesel				
	4	Rated Capacity		kg	2000	2500	3000	3500	
	5	Load Centre		mm	500	500	500	500	
Characteristic & Dimension	6	Lift height		mm	3000	3000	3000	3000	
	7	Mast tilt angle	F/R	Deg	6/12	6/12	6/12	6/12	
	8	Fork	L×W×T	mm	1070×122 ×40	1070×122 ×40	1070×125 ×45	1070×130 ×50	
	9		Regulating range	mm	250-1000	250-1000	250-1060	260-1060	
	10	Front overhang		mm	475	475	490	501	
	11	Rear Overhang		mm	485	544	543	623	
	12	Min. ground clearance (Bottom of mast)	Unladen	mm	130	130	155	155	
	13		Laden	mm	120	120	145	145	
	14	Min. ground clearance (Bottom of frame)	Unladen	mm	125	125	145	145	
	15		Laden	mm	115	115	130	130	
	16	Overall dimensions	Overall length (without forks)		mm	2560	2620	2704	2804
	17		Overall width		mm	1150	1150	1210	1210
	18		Overall height	Overhead guard height	mm	2180	2180	2205	2205
	19			Mast	mm	2010	2010	2075	2150
	20			Mast extended height	mm	3990	3990	4100	4100
	21		Min. turning radius		mm	2180	2230	2450	2520
	22	Wheelbase		mm	1600	1600	1700	1700	
	23	Traction pin height from the ground		mm	250	250	480	480	
	24	Lowered seat to overall guard inside height		mm	1100	1100	1100	1100	
	25	Tyre pressure	Front	MPa	0.86	0.86	0.97	0.97	
	26		Rear	MPa	0.86	0.86	0.79	0.79	
	27	Tread	Front	mm	970	970	1000	1000	
	28		Rear	mm	980	980	980	980	
	29	Tire center height from the ground	Unladen	Front	mm	320	320	345	345
	30			Rear	mm	250	250	260	260
	31		Laden	Front	mm	310	310	330	330
	32			Rear	mm	265	265	280	280
	Performance	33	Speed	Travel (Unladen/Laden)		km/h	18/17.5	18/17.5	19/18
34		Lifting (Unladen/Laden)		mm/sec	640/610	640/610	550/520	430/410	
35		Lowering (Unladen/Laden)		mm/sec	380/420	380/420	400/380	400/380	
36		Max. Drawbar pull (Unladen/Laden)		KN	15/17	15/17	15/17	15/17	
37		Max. Gradeability (Unladen/Laden)		%	20	20	20	20	
		Ramp parking brake		%	15	15	15	15	
38		Braking distance		m	≤6	≤6	≤6	≤6	
39	System pressure		MPa	20	20	20	20		
Weight	40	Self weight		kg	3300	3590	4300	4680	
	41	Weight Distribution	Laden	Front	kg	4630	5320	6495	7275
	42			Rear	kg	670	770	805	905
	43		Unladen	Front	kg	1500	1630	1800	1950
	44			Rear	kg	1800	1960	2500	2730