

TCM INDUSTRIAL VEHICLE
GASOLINE & DIESEL POWERED 3.5-5.0 ton



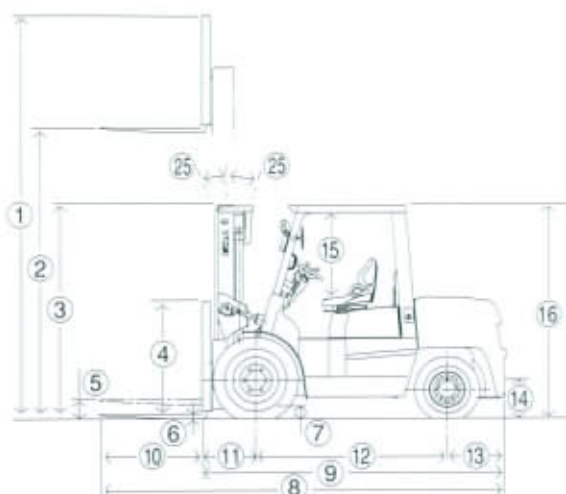
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	Load Capacity		Max. Travel Speed 1)	Lifting Speed		Min. Turning Radius (outside)	Engine Type (Displacement)	Rated Output
	Load Center			with load	without load			
	500mm	600mm						
	kg	kg	km/h	mm/s	mm/s	mm	lit.	kW(PS)/rpm
FD35 C9-T9	4000	3500	26.0	540	580	2730	S6S (4.996)	64.7(88) /2300
FD40 C9-T9	4500	4000	26.0	540	580	2790		
FD45 C9-T9	5000	4500	26.0	480	520	2825		
FD50 T9	5000	5000	26.0	480	520	3040		
FG35 T9	4000	3500	26.0	500	540	2730	TB45 (4.169)	59.6(81) /2250
FG40 T9	4500	4000	26.0	500	540	2790		
FG45 T9	5000	4500	26.0	390	500	2825		
FG50 T9	5000	5000	26.0	390	500	3040		
FHD35 Z9	3500	—	24.0	400	440	2560		
FHD36 Z9	—	3600	24.0	400	440	2600		
FHG35 N9	3500	—	24.0	400	420	2560	H25 (2.472)	42.7(58) /2500
FHG36 N9	—	3600	24.0	400	420	2600		

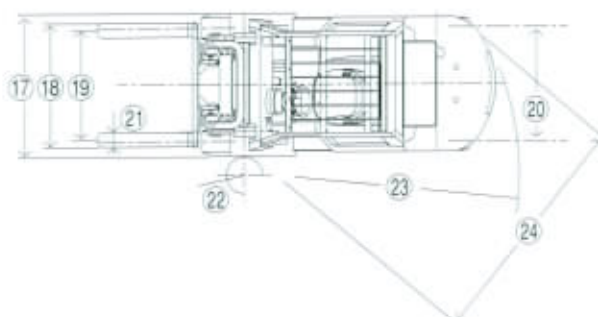
1) Automatic power shift transmission and without load.

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STANDARD DIMENSIONS



GROUND CLEARANCE	FD35/FG35	FD40/FG40	FD45/FG45	FD50/FG50
	mm(in)	mm(in)	mm(in)	mm(in)
Mast	155 (6.1)	155 (6.1)	140 (5.5)	140 (5.5)
Frame	185 (7.3)	185 (7.3)	185 (7.3)	185 (7.3)
Front axle	185 (7.3)	185 (7.3)	185 (7.3)	185 (7.3)
Rear axle	195 (7.7)	195 (7.7)	195 (7.7)	195 (7.7)
Counter weight	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)



STANDARD DIMENSIONS

Model	FD35T9 · C9 FG35T9 · T2		FD40T9 · C9 FG40T9 · T2		FD45T9 · C9 FG45T9 · T2		FD50T9 FG50T9 · T2	
	mm	in	mm	in	mm	in	mm	in
① Overall height, fork raised (with backrest)	4265	167.9	4265	167.9	4265	167.9	4420	174.0
② Maximum fork height	3000	118.1	3000	118.1	3000	118.1	3000	118.1
③ Mast height, fork lowered	2230	87.8	2230	87.8	2235	88.0	2360	92.9
④ Backrest height	1220	48.0	1220	48.0	1215	47.8	1370	53.9
⑤ Free lift	150	5.9	150	5.9	155	6.1	160	6.3
⑥ Fork thickness	50	2.0	50	2.0	55	2.2	60	2.4
⑦ Minimum ground clearance	155	6.1	155	6.1	140	5.5	140	5.5
⑧ Overall length (with forks)	4155	163.6	4205	165.6	4285	168.7	4635	182.5
⑨ Overall length (without forks)	3085	121.5	3135	123.4	3215	126.6	3415	134.4
⑩ Fork length	1070	42.1	1070	42.1	1070	42.1	1220	48.0
⑪ Load distance	560	22.0	560	22.0	590	23.2	590	23.2
⑫ Wheelbase	2000	78.7	2000	78.7	2000	78.7	2200	86.6
⑬ Rear overhang	525	20.7	575	22.6	625	24.6	625	24.6
⑭ Drawbar coupler height	310	12.2	310	12.2	310	12.2	310	12.2
⑮ Overhead guard clearance (from face of seat) **	1010	39.8	1010	39.8	1010	39.8	1010	39.8
⑯ Overall height (overhead guard) **	2230	87.8	2230	87.8	2230	87.8	2230	87.8
⑰ Overall width	1480	58.3	1480	58.3	1480	58.3	1480	58.3
⑱ Fork spread (outside)	300 ~ 1290	11.8 ~ 50.8	300 ~ 1290	11.8 ~ 50.8	300 ~ 1290	11.8 ~ 50.8	300 ~ 1290	11.8 ~ 50.8
⑲ Tread (front)	1180	46.5	1180	46.5	1180	46.5	1180	46.5
⑳ Tread (rear)	1195	47.0	1195	47.0	1195	47.0	1195	47.0
㉑ Fork width	150	5.9	150	5.9	150	5.9	150	5.9
㉒ Inside turning radius	200	7.9	200	7.9	200	7.9	200	7.9
㉓ Outside turning radius	2730	107.5	2790	109.8	2825	111.2	3040	119.7
㉔ Minimum intersecting aisle	2500	98.4	2550	100.4	2550	100.4	2700	106.3
㉕ Tilt angles (forward-backward)	6° - 12°	6° - 12°	6° - 12°	6° - 12°	6° - 12°	6° - 12°	6° - 12°	6° - 12°

NOTE : ** European and Scandinavian export trucks +20mm(+0.8in)

DIMENSIONS WITH FRONT DUAL DRIVE WHEELS (option)

Model	FD35T9 · C9 FG35T9 · T2		FD40T9 · C9 FG40T9 · T2		FD45T9 · C9 FG45T9 · T2		FD50T9 FG50T9 · T2	
	mm	in	mm	in	mm	in	mm	in
Tire size (front dual)	7.50-16-12PR		7.50-16-12PR		7.50-16-12PR		7.50-16-12PR	
Service weight	+20kg	+44lbs	+20kg	+44lbs	+20kg	+44lbs	+20kg	+44lbs
⑰ Overall width	1830	72.0	1830	72.0	1830	72.0	1830	72.0
⑲ Tread (front)	1340	52.8	1340	52.8	1340	52.8	1340	52.8
㉒ Inside turning radius	200	7.9	200	7.9	200	7.9	200	7.9
㉓ Outside turning radius	2870	113.0	2930	115.4	2945	115.9	3170	124.8
㉔ Minimum intersecting aisle	2650	104.3	2700	106.3	2700	106.3	2850	112.2
Tire size (front dual)	300-15-18PR		300-15-18PR					
Service weight	+80kg	+176lbs	+80kg	+176lbs				
③ Mast height, fork lowered	2245	88.4	2245	88.4				
⑰ Overall width	1950	76.8	1950	76.8				
⑲ Tread (front)	1435	56.5	1435	56.5				
㉒ Inside turning radius	200	7.9	200	7.9				
㉓ Outside turning radius	2920	115.0	2980	117.3				
㉔ Minimum intersecting aisle	2700	106.3	2750	108.3				