TCM

RELIABLE.
POWERFUL.
ENVIRONMENT-FRIENDLY.

3.5-5t
3500-5000kg

DIESEL POWERED
PNEUMATIC TIRE TRUCKS

FD35T9·C9 | 3500kg 600mm	FD40T9·C9 | 4000kg 600mm	FD45T9·C9 | 4500kg 600mm	FD50T9 | 5000kg 600mm

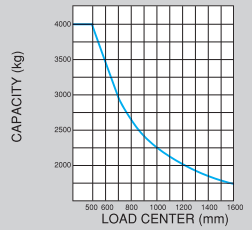
STANDARD SPECIFICATIONS

						TCM			
Characteristics	1	Manufacturer							
	2	Model			Power shift T/M	FD35T9	FD40T9	FD45T9	FD50T9
					Manual shift T/M	FD35C9	FD40C9	FD45C9	———
	3	Load Capacity		Load Center 500mm	kg	4000	4500	5000	5000
				Load Center 600mm	kg	3500	4000	4500	5000
	5	Power Type				Diesel	Diesel	Diesel	Diesel
	6	Operator Position				Sit Down Rider Type	Sit Down Rider Type	Sit Down Rider Type	Sit Down Rider Type
	7	Tire Type		Front / Rear		Pneumatic	Pneumatic	Pneumatic	Pneumatic
	8	Wheels (×=driven)		Front / Rear		2 × / 2	2 × / 2	2 × / 2	2 × / 2
Dimensions	9	Maximum Fork Height			mm	3000	3000	3000	3000
	10	Free Lift			mm	150	150	155	160
	13	Fork Size		L × W × T	mm	1070 × 150 × 50	1070 × 150 × 50	1070 × 150 × 55	1220 × 150 × 60
		Fork Spread (Outside)		Max. / Min.	mm	1290 / 300	1290 / 300	1290 / 300	1290 / 300
	14	Tilt Angle		Fwd. / Bwd.	deg	6 / 12	6 / 12	6 / 12	6 / 12
	15	Length to Fork Face			mm	3080	3110	3190	3390
	16	Overall Width			mm	1480	1480	1480	1480
	17	Mast Height Fork Lowered			mm	2230	2230	2235	2360
	18	Mast Height Fork Raised			mm	4265	4265	4265	4420
	19	Overhead Guard Height			mm	2250	2250	2250	2250
	21	Turning Radius (Outside)			mm	2790	2820	2860	3040
	22	Load Distance (Centerline of front axle to front face of forks)			mm	560	560	590	590
		Rear Overhamg			mm	520	550	600	600
	23	Basic Right Angle Stacking Aisle Width			mm	4750	4780	4850	5030
Performance	24	Speeds	Travel Max.	Power shift T/M fwd/rvs	km/h	26.0 / 19.5	26.0 / 19.5	26.0 / 19.0	26.0 / 19.0
				Manual shift T/M fwd/rvs	km/h	19.5 / 19.0	19.5 / 19.0	19.5 / 19.0	———
	25		Lifting	Full load	mm/sec	540	540	480	480
				No load	mm/sec	580	580	520	520
	26		Lowering	Full load	mm/sec	500	500	450	450
				No load	mm/sec	550	550	500	500
	28	Max. Drawbar Pull	Power shift T/M	Full / No load	kN	33.3 / 17.6	33.3 / 17.6	34.3 / 18.6	34.3 / 18.6
			Manual shift T/M	Full / No load	kN	21.1 / 17.6	21.1 / 17.6	21.6 / 18.6	———
	29	Max. Gradeability*	Power shift T/M	Full / No load	%	33 / 20	30 / 20	27 / 20	25 / 20
			Manual shift T/M	Full / No load	%	18 / 20	16 / 18	15 / 16	———
Weight	32	Total Weight	Power shift T/M		kg	6100	6450	6960	7260
			Manual shift T/M		kg	6060	6410	6920	———
	33	Weight Distribution (Powershift T/M)	Full load	Front	kg	8410	9140	10130	10980
				Rear	kg	1190	1310	1330	1280
	34		No load	Front	kg	2880	2820	2950	3270
				Rear	kg	3220	3630	4010	3990
	33	Weight Distribution (Manual shift T/M)	Full load	Front	kg	8370	9100	10090	———
				Rear	kg	1190	1310	1330	———
	34		No load	Front	kg	2840	2780	2910	———
				Rear	kg	3220	3630	4010	———
Chassis & Wheels	35	Tires	Number	Front / Rear		2 / 2	2 / 2	2 / 2	2 / 2
	36		Size	Front		300-15-18PR (I)	300-15-18PR (I)	300-15-18PR (I)	300-15-18PR (I)
	37			Rear		7.00-12-12PR (I)	7.00-12-12PR (I)	7.00-12-14PR (I)	7.00-12-14PR (I)
	38	Wheelbase			mm	2000	2000	2000	2200
	39	Tread		Front	mm	1180	1180	1180	1180
				Rear	mm	1195	1195	1195	1195
		Backest Height			mm	1220	1220	1215	1370
		Overhead Guard Clearance			mm	1020	1020	1020	1020
		Counterweigth Height			mm	1320	1320	1320	1320
		Drawbar Pin Center Height			mm	320	320	320	320
		Floor Height			mm	845	845	845	845
	40	Under clearance	Min Full Load		mm	155	155	140	140
	41		Center of wheelbase		mm	185	185	185	185
	42	Brake	Service (Foot)			Hydraulic-Foot pedal	Hydraulic-Foot pedal	Hydraulic-Foot pedal	Hydraulic-Foot pedal
	43		Parking			Mechanical - Hand lever	Mechanical - Hand lever	Mechanical - Hand lever	Mechanical - Hand lever
Engine & Transmission	45	Battery	Voltage / Capacity (5HR)		V/AH	2x 12V / 60AH	2x 12V / 60AH	2x 12V / 60AH	2x 12V / 60AH
	49	Internal Combustion Engine	Make / Model			MITSUBISHI / S6S	MITSUBISHI / S6S	MITSUBISHI / S6S	MITSUBISHI / S6S
	50		Rated Output / r.p.m			64.7kW / 2300r.p.m. : 88PS / 2300r.p.m.	64.7kW / 2300r.p.m. : 88PS / 2300r.p.m.	64.7kW / 2300r.p.m. : 88PS / 2300r.p.m.	64.7kW / 2300r.p.m. : 88PS / 2300r.p.m.
	51		Max Torque / r.p.m.			284N·m / 1600r.p.m. : 29kgf·m / 1600r.p.m.	284N·m / 1600r.p.m. : 29kgf·m / 1600r.p.m.	284N·m / 1600r.p.m. : 29kgf·m / 1600r.p.m.	284N·m / 1600r.p.m. : 29kgf·m / 1600r.p.m.
	52		Number of Cylinders		Nm/r.&.m	6	6	6	6
			Displacement		cc	4996	4996	4996	4996
			Fuel Tank Capacity		liter	115	115	115	115
	55	Transmission	Number of Speed Fwd. / Rvs-Type		Power shift T/M	2/1 - Automatic Power-shift T/M	2/1 - Automatic Power-shift T/M	2/1 - Automatic Power-shift T/M	2/1 - Automatic Power-shift T/M
					Manual shift T/M	2/2 - Manual shift T/M	2/2 - Manual shift T/M	2/2 - Manual shift T/M	2/2 - Manual shift T/M
	57	Operating Pressure	For Attachments		kg/cm²	180	180	180	180

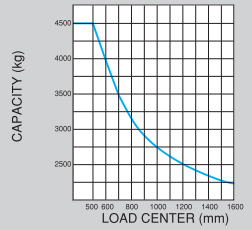
NOTE : * Computed Values & subject to load condition

LOAD CHART

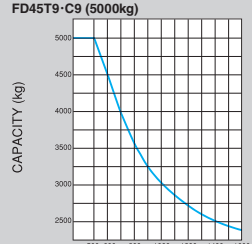
FD35T9·C9 (4000kg)



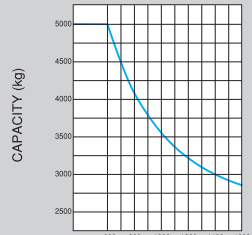
FD40T9·C9 (4500kg)



FD45T9·C9 (5000kg)



FD50T9 (5000kg)



NOTE :

Capacities shown are computed with upright in vertical position.
Load center are determined front face of forks.
Capacities are based on a 1000mm cube load configuration with the center of gravity (C.G.) at the true center of the cube, and standard forks.
Truck capacities with upright in forward tilt position will be less.
Long forks, and unusually wide or tall loads may also reduce capacity.
Contact TCM representative for capacity information on irregular loads.
Specific capacities are shown on truck nameplates.
TCM Industrial Trucks are equipped with certain safety devices as standard equipment.
TCM will not assume any liability for injuries or damage arising from or caused by the removal of any safety devices from any of its products.

STANDARD SPECIFICATIONS

■ Wide View Mast VM

Mast Model	Rated Capacity							Max. Fork Height	Overall Mast Height					Tilting Angle	Service Weight			
	FD35T9・C9		FD40T9・C9		FD45T9・C9		FD50T9		Lowered			Raised with Backrest						
	Load Center		Load Center		Load Center		Load Center		FD35T9・C9 FD40T9・C9	FD45T9・C9	FD50T9	FD35T9・C9 FD40T9・C9 FD45T9・C9	FD50T9	F/B	FD35T9(C9)	FD40T9(C9)	FD45T9(C9)	FD50T9
	500mm	600mm	500mm	600mm	500mm	600mm	500mm/600mm											
	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg
VM250	4000	3500	4500	4000	5000	4500	5000	2500	1980	1985	2110	3765	3920	6/10	6040 (6000)	6390 (6350)	6890 (6850)	7190
VM300	4000	3500	4500	4000	5000	4500	5000	3000	2230	2235	2360	4265	4420	6/12	6100 (6060)	6450 (6410)	6960 (6920)	7260
VM330	4000	3500	4500	4000	5000	4500	5000	3300	2380	2385	2510	4565	4720	6/12	6130 (6090)	6480 (6440)	7000 (6960)	7300
VM350	4000	3500	4500	4000	5000	4500	5000	3500	2480	2485	2610	4765	4920	6/12	6150 (6110)	6500 (6460)	7020 (6980)	7320
VM375	4000	3500	4500	4000	5000	4500	5000	3750	2605	2610	2735	5015	5170	6/6 *6/12	6220 (6180)	6570 (6530)	7060 (7020)	7360
VM400	4000	3500	4500	4000	5000	4500	5000	4000	2780	2785	2910	5265	5420	6/6 *6/12	6270 (6230)	6620 (6580)	7160 (7120)	7460
VM425	4000	3500	4500	4000	5000	4500	5000	4250	2905	2910	3035	5515	5670	6/6 *6/12	6300 (6260)	6650 (6610)	7190 (7150)	7490
VM450	4000	3500	4500	4000	5000	4500	5000	4500	3030	3035	3160	5765	5920	6/6 *6/12	6320 (6280)	6670 (6630)	7210 (7170)	7510
VM475	3500 *4000	3500	4000 *4500	4000	4800	4500	5000	4750	3155	3160	3285	6015	6170	6/6	6380 (6340)	6730 (6690)	7250 (7210)	7550
VM500	3500 *3700	3500	4000 *4300	4000	4500 *4600	4500	5000	5000	3280	3285	3410	6265	6420	6/6	6400 (6360)	6750 (6710)	7280 (7240)	7580
VM550	2800 *3300	2800 *3300	3200 *3900	3200 *3900	4000 *4400	4000 *4400	4000 *4800	5500	3580	3585	3710	6765	6920	3/6	6480 (6440)	6830 (6790)	7420 (7380)	7720
VM600	2200 *3200	2200 *3200	2500 *3700	2500 *3700	3350 *4000	3350 *4000	3350 *4000	6000	3830	3835	3960	7265	7420	3/6	6530 (6490)	6880 (6840)	7480 (7440)	7780

■ Wide View Full-Free 2-stage Mast VFM

Mast Model	Rated Capacity							Max. Fork Height	Overall Mast Height					(2) Free lift with Backrest			Tilting Angle	Service Weight			
	FD35T9・C9		FD40T9・C9		FD45T9・C9		FD50T9		Lowered			(1) Raised with Backrest									
	Load Center		Load Center		Load Center		Load Center		FD35T9・C9 FD40T9・C9	FD45T9・C9	FD50T9	FD35T9・C9 FD40T9・C9 FD45T9・C9	FD50T9	FD35T9・C9 FD40T9・C9	FD45T9 FD45C9	FD50T9	F/B	FD35T9(C9)	FD40T9(C9)	FD45T9(C9)	FD50T9
	500mm	600mm	500mm	600mm	500mm	600mm	500mm/600mm														
	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg
VFM250	4000	3500	4500	4000	5000	4500	5000	2500	1985	1985	2110	3765	3920	765	765	740	6/10	6240 (6200)	6590 (6550)	6970 (6930)	7280
VFM300	4000	3500	4500	4000	5000	4500	5000	3000	2185	2235	2360	4265	4420	960	1015	990	6/12	6290 (6250)	6640 (6600)	7040 (7000)	7350
VFM330	4000	3500	4500	4000	5000	4500	5000	3300	2385	2385	2510	4565	4720	1160	1165	1140	6/12	6350 (6310)	6700 (6660)	7080 (7040)	7390
VFM350	4000	3500	4500	4000	5000	4500	5000	3500	2485	2485	2610	4765	4920	1260	1265	1240	6/12	6370 (6330)	6720 (6680)	7110 (7070)	7420
VFM375	4000	3500	4500	4000	5000	4500	5000	3750	2610	2610	2735	5015	5015	1390	1390	1365	6/6 *6/12	6410 (6370)	6760 (6720)	7140 (7100)	7450
VFM400	4000	3500	4500	4000	5000	4500	5000	4000	2785	2785	2910	5265	5420	1560	1565	1540	6/6 *6/12	6530 (6490)	6880 (6840)	7270 (7230)	7550
VFM425	4000	3500	4500	4000	5000	4500	5000	4250	2910	2910	3035	5515	5670	1690	1690	1665	6/6 *6/12	6570 (6530)	6920 (6880)	7300 (7260)	7580
VFM450	4000	3500	4500	4000	5000	4500	5000	4500	3035	3035	3160	5765	5920	1810	1815	1790	6/6 *6/12	6600 (6560)	6950 (6910)	7330 (7290)	7620
VFM475	3500 *4000	3500	4000 *4500	4000	4800	4500	5000	4750	3160	3160	3285	6015	6170	1940	1940	1915	6/6	6630 (6590)	6980 (6940)	7370 (7330)	7650
VFM500	3500 *3700	3500	4000 *4300	4000	4500 *4600	4500	5000	5000	3285	3285	3410	6265	6420	2065	2065	2040	6/6	6670 (6630)	7020 (6980)	7400 (7360)	7690
VFM550	2800 *3300	2800 *3300	3200 *3900	3200 *3900	4000 *4400	4000 *4400	4000 *4800	5500	3585	3585	3710	6765	6920	2365	2365	2340	3/6	6800 (6760)	7150 (7110)	7530 (7490)	7820
VFM600	2200 *3200	2200 *3200	2500 *3700	2500 *3700	3350 *4000	3350 *4000	3350 *4000	6000	3835	3835	3960	7265	7420	2615	2615	2590	3/6	6860 (6820)	7210 (7170)	7600 (7560)	7890

NOTE : (1) For height without backrest : [FD35T9・C9・40T9・C9]-460㎜ [FD45T9・C9]-385㎜ [FD50T9]-465㎜
(2) For free lift without backrest : [FD35T9・C9・40T9・C9]+460㎜ [FD45T9・C9]+385㎜ [FD50T9]+465㎜ Weight for without backrest : [FD35T9・C9・40T9・C9・45T9・C9]-30kg [FD50T9]-45kg

■ Wide View Full-Free 3-stage Mast VFHM

Mast Model	Rated Capacity							Max. Fork Height	Overall Mast Height					(2) Free lift with Backrest			Tilting Angle	Service Weight			
	FD35T9・C9		FD40T9・C9		FD45T9・C9		FD50T9		Lowered			(1) Raised with Backrest									
	Load Center		Load Center		Load Center		Load Center		FD35T9・C9 FD40T9・C9	FD45T9・C9	FD50T9	FD35T9・C9 FD40T9・C9 FD45T9・C9	FD50T9	FD35T9・C9 FD40T9・C9	FD45T9 FD45C9	FD50T9	F/B	FD35T9(C9)	FD40T9(C9)	FD45T9(C9)	FD50T9
	500mm	600mm	500mm	600mm	500mm	600mm	500mm/600mm														
	kg	kg	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg
VFHM360	3900	3500	4400	4000	4900	4500	4800	3600	1900	1970	2050	4865	5020	675	750	680	6/6	6390 (6350)	6740 (6700)	7180 (7140)	7500
VFHM400	3900	3500	4400	4000	4900	4500	4800	4000	2035	2105	2185	5265	5420	810	885	815	6/6	6440 (6400)	6790 (6750)	7230 (7190)	7550
VFHM435	3800	3500	4300	4000	4700	4500	4800	4350	2150	2220	2300	5615	5770	925	1000	930	6/6	6480 (6440)	6830 (6790)	7270 (7230)	7590
VFHM480	3500 *3700	3500	4000 *4200	4000	4600	4500	4800	4800	2300	2370	2450	6065	6220	1075	1150	1080	6/6	6530 (6490)	6880 (6840)	7320 (7280)	7640
VFHM500	3400 *3600	3400	4000 *4100	4000	4500	4400	4700	5000	2400	2470	2550	6265	6420	1175	1250	1180	6/6	6560 (6520)	6910 (6870)	7350 (7310)	7680
VFHM540	3100 *3400	3100 *3300	3300 *3900	3300 *3900	3400 *4300	3300 *4300	3500 *4600	5400	2525	2595	2675	6665	6820	1300	1375	1305	3/6	6610 (6570)	6960 (6920)	7400 (7360)	7720
VFHM600	2200 *3200	2200 *3200	2400 *3700	2400 *3700	2500 *4000	2400 *3900	2500 *4200	6000	2750	2820	2900	7265	7420	1525	1600	1530	3/6	6750 (6710)	7100 (7060)	7540 (7500)	7840
VFHM650	*2800	*2800	*3200	*3100	*3400	*3300	*3600	6500	2970	3040	3120	7765	7920	1745	1820	1750	*3/3	6820 (6780)	7170 (7130)	7620 (7580)	7950
VFHM700	*2500	*2400	*2800	*2700	*3000	*2900	*3000	7000	3135	3205	3285	8265	8420	1910	1985	1915	*3/3	6870 (6830)	7220 (7180)	7680 (7640)	8020

NOTE : (1) For height without backrest : [FD35T9・C9・40T9・C9]-475㎜ [FD45T9・C9]-395㎜ [50T9]-495㎜
(2) For free lift without backrest : [FD35T9・C9・40T9・C9]+475㎜ [FD45T9・C9]+395㎜ [50T9]+495㎜ Weight for without backrest : [FD35T9・C9・40T9・C9・45T9・C9]-30kg [FD50T9]-45kg

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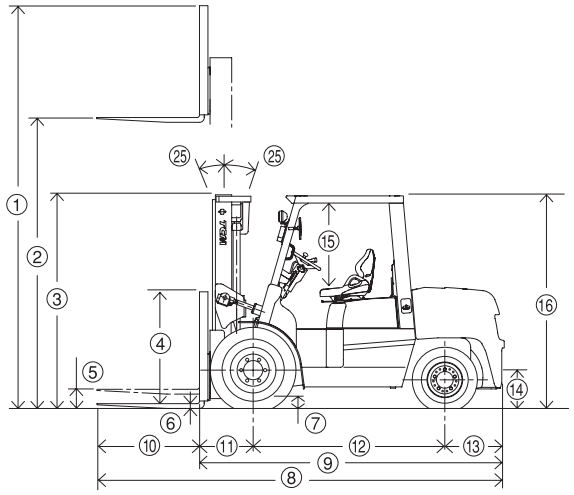
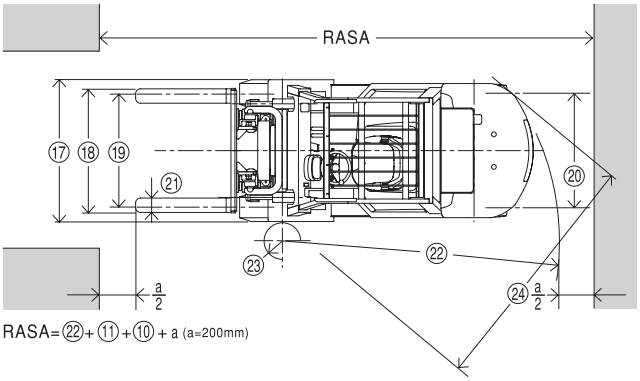
NOTE : Rated capacity wiht(*) : Shows capacity with front dual tires. Service weight with dual tires : +20kg
Lifting speed with VFM/VFHM mast : with VFM [FD35T9・C9・40T9・C9]420㎜/s [FD45T9・C9・50T9]400㎜/s with load.
with VFHM [FD35T9・C9・40T9・C9]470㎜/s [FD45T9・C9・50T9]400㎜/s with load.
Overall vehicle length with VFHM mast : [FD35T9・C9・40T9・C9・45T9・C9]+40㎜ [FD50T9]+45㎜ longer than of standard model with VM/VFM mast..

STANDARD DIMENSIONS



GROUND CLEARANCE	FD35T9·C9	FD40T9·C9	FD45T9·C9	FD50T9
	mm	mm	mm	mm
Mast	155	155	140	140
Frame	185	185	185	185
Front axle	185	185	185	185
Rear axle	195	195	195	195
Counter weight	205	205	205	205



STANDARD DIMENSIONS

Model	FD35T9 · C9	FD40T9 · C9	FD45T9 · C9	FD50T9
	mm	mm	mm	mm
① Overall height, fork raised (with backrest)	4265	4265	4265	4420
② Maximum fork height	3000	3000	3000	3000
③ Mast height, fork lowered	2230	2230	2235	2360
④ Backrest height	1220	1220	1215	1370
⑤ Free lift	150	150	155	160
⑥ Fork thickness	50	50	55	60
⑦ Minimum ground clearance	155	155	140	140
⑧ Overall length (with forks)	4150	4180	4260	4610
⑨ Length to fork face	3080	3110	3190	3390
⑩ Fork length	1070	1070	1070	1220
⑪ Load distance	560	560	590	590
⑫ Wheelbase	2000	2000	2000	2200
⑬ Rear overhang	520	550	600	600
⑭ Drawbar Pin Center Height	320	320	320	320
⑮ Overhead guard clearance (from face of seat)	1020	1020	1020	1020
⑯ Overall height (overhead guard)	2250	2250	2250	2250
⑰ Overall width	1480	1480	1480	1480
⑱ Fork spread (outside)	300～1290	300～1290	300～1290	300～1290
⑲ Tread (front)	1180	1180	1180	1180
⑳ Tread (rear)	1195	1195	1195	1195
㉑ Fork width	150	150	150	150
㉒ Outside turning radius	2790	2820	2860	3040
㉓ Inside turning radius	200	200	200	200
㉔ Minimum intersecting aisle	2650	2650	2700	2850
㉕ Tilt angles (forward-backward)	6 ° 12 °	6 ° 12 °	6 ° 12 °	6 ° 12 °

DIMENSIONS WITH FRONT DUAL DRIVE WHEELS (option)

Model	FD35T9 · C9	FD40T9 · C9	FD45T9 · C9	FD50T9
Tire size (front dual)	7.50-16-8PR	7.50-16-8PR	7.50-16-8PR	7.50-16-8PR
Service weight	+20kg	+20kg	+20kg	+20kg
	mm	mm	mm	mm
⑰ Overall width	1830	1830	1830	1830
⑲ Tread (front)	1340	1340	1340	1340
㉒ Outside turning radius	2890	2950	2950	3125
㉓ Inside turning radius	200	200	200	200
㉔ Minimum intersecting aisle	2600	2600	2600	2750
Tire size (front dual)	8.25-15-14PR	8.25-15-14PR		
Service weight	+80kg	+80kg		
	mm	mm		
③ Mast height, fork lowered	2245	2245		
⑰ Overall width	1950	1950		
⑲ Tread (front)	1435	1435		
㉒ Outside turning radius	2920	2950		
㉓ Inside turning radius	200	200		
㉔ Minimum intersecting aisle	2600	2650		

STANDARD EQUIPMENT AND ACCESSORIES

[Equipment]

- Asbestos-free brake shoe material
- Centrifugal air cleaner
- Coolant recovery system
- Cylinder type bonnet latch with locking function
- Deluxe suspension seat with seat-belt
- Drawbar device
- Engine after glow system
- Engine auto glow system
- Fuel water sedimenter
- Full hydraulic power steering
- Heavy duty overhead guard
- Hi-visibility, wide view mast (VM300)
- Hydraulic oil dipstick
- ITA ClassⅢ&Ⅳcarriage
- J-lug long life tires
- Lift circuit cut-off valve
- Load backrest
- Overhead air intake system
- Power-assisted brake
- Power-assisted oil clutch (manual shift T/M)
- Retaining rollers
- Return hydraulic filter
- Suction hydraulic strainer
- Tilt lock valve
- Transmission oil dipstick (power shift T/M)
- Transmission oil filter (power shift T/M)
- 1070mm forks (1220mm for 5 ton)
- 2-spool control valve with pressure relief

[Controls]

- Electric shift control lever (power shift T/M)
- Lift and tilt levers
- Multi-function switch lever (lighting and turn-signal) with self-cancelling mechanism
- Parking brake lever with inter-lock
- Tilt adjustable steering post

[Accessories]

- Access-assisted hand grip
- Back-up alarm buzzer
- Back-up lights
- Deluxe non-slip floor mat
- Documents clip
- Documents holder
- Electric horn
- Front combination lights (turn signal, clearance)
- Glove compartment / Pen holder
- Head lights trafic purposes
- High-mounted rear combination lights (tail, brake, back-up, turn signal and reflector)
- Operator tool kit
- Overhead guard canvas
- Side view mirrors
- Tilt cylinder covers

[Instruments and Switch]

- Charge indicator
- Engine oil pressure warning indicator
- Fuel gauge
- Fuel sedimenter indicator
- Glow indicator
- Hourmeter
- Ignition key engine stop
- Neutral safety switch
- Water temperature gauge

OPTIONAL LOADING ATTACHMENT

- Alternative fork lengths
- Bale clamp
- Carton clamp (on request)
- Crane arm (on request)
- Drum clamp (on request)
- Fork clamp (on request)
- Fork extension sleeves
- Fork positioner (hydraulic type)
- Fork positioner (manual type)
- High, wide type load backrest
- Hinged forks, bucket
- Load push-pull (on request)
- Load stabilizer (on request)
- Ram
- Rotating bale clamp
- Rotating forks (hook-on, integral type)
- Rotating paper roll clamp (hook-on, integral type)
- Side shift
- Sleeve-in hook (on request)
- Wide type fork carriage
- Wide view full free 2-stage (VFM) mast
- Wide view full free 3-stage (VFHM) mast

OPTIONAL EQUIPMENT AND ACCESSORIES

[Equipment]

- Air-conditioner (steel cabin) (SCBAC)
- Auxiliary hydraulic valve modules
- Central greasing system (CL)
- Color tire (white, green) (TUW・G)
- Dual element aircleaner (ADE)
- Engine air precleaner (CAKB)
- Exhaust purify catalystic muffler (EPM)
- Front dual drive wheels (DD/SDD)
- Heater (HR)
- Heater & defroster (steel cabin) (DEF)
- High profile overhead guard (2400mm) (HGH)
- Hydraulic oil cooler (CRH)
- Low profile overhead guard (2130mm) (HGL)
- Overhead exhaust system (TUE)
- Plate fin radiator (RAD PF)
- Radiator dust screen (fine, medium mesh) (DSR)
- Semi-integral type power steering
- Smoke reduction/spark arrester muffler (CBM)
- Solid tires (Unique cushion tires) (SE)
- Steel cabin (SCB001)
- Windshield with wiper (AW071)

[Accessories]

- Custom paint-work
- Fire extinguisher (FE)
- Rear working light (RWL)
- Rotating warning light (Beacon) (RLY/RLR)
- Steering cylinder boot (PSB)
  (This applies to the semi-integral type power steering only.)
- Tilt cylinder covers (TLB)

[Instruments and Switch]

- Air cleaner clogging warning indicator
- Ammeter (AM)
- O.K. monitor (OKM)
  (battery electrolyte level, coolant level, parking brake, air-cleaner)
- Speedometer (SM)
- Torque converter oil pressure gauge (TPM)
- Torque converter oil temperature gauge (TTM)
  (power shift T/M)

Others on request

NOTES : ●Meets following major standards and code
ISO 1074 Counter Balanced Lift Trucks, Stability & Safety Test (Int'l)
JIS D6001 Industrial Lift Trucks (Japan)
ANSI B56.1 Low & High Lift Trucks (USA)ANSI B56.1 Low & High Lift Trucks (USA)
●Overhead guard meets ISO 6055, JIS 6021

FD Series

FD35 / FD40 / FD45 / FD50

- TCM retains the right to change these products and specifications without incurring any obligation relating to such changes.
- These products and specifications are subject to change without notice.
- Photos and illustrations may or may not include optional equipment and accessories.
- Features and specifications may vary depending on markets.
- Performance data and dimensions are nominal and subject to tolerances.

ISO 9001 Certification
(TCM Shiga plant)

ISO 14001 Certification
(TCM Shiga plant)

Manufactured by

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