

1F 5 SERIES - DIESEL



Forklift - 1F 5 SERIES - DIESEL

STANDARD SPECIFICATIONS

Model	Power shift T/M, Manual shift T/M	FD35T9 / FD35C9	FD40T9/ FD40C9	FD45T9 / FD45C9	FD50T9
Characteristics	Manufacturer	Nissan Forklift	Nissan Forklift	Nissan Forklift	Nissan Forklift
	Power unit: electric, diesel, gasoline, LPG, others	Diesel	Diesel	Diesel	Diesel
	Operation: sit, hand, pedestrian, standing, seated	Rider Seated	Rider Seated	Rider Seated	Rider Seated
	Load capacity, load centre 500mm / load center 600mm	kg 4000 / 3500	4500 / 4000	5000 / 4500	5000 / 5000
	Load distance, centre of drive axle to fork	560	560	590	590
	Wheel base	mm 2000	2000	2000	2200
Weights	Total weight, power shift T/ M, manual shift T / M	kg 6140 / 6100	6560 / 6520	7040 / 7000	7340
	Weight distribution, with / without load power shift T / M, front / rear	kg 8470 / 1170 / 2940 / 3200	9210 / 1350 / 2890 / 3670	10220 / 1320 / 3040 / 4000	11060 / 1280 / 3355 / 3985
	Weight distribution, with / without load manual shift T / M, front / rear	kg 8430 / 1170 / 2900 / 3200	9170 / 1350 / 2850 / 3670	10180 / 1320 / 3000 / 4000	-
Wheels & Tyres	Tyres: cushion, super elastic, pneumatic, polyurethane	Pneumatic			
	Tyre size, front	300-15-18PR (1)	300-15-18PR (1)	300-15-18PR (1)	300-15-18PR (1)
	Tyre size, rear	7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)
	Wheels, number front / rear (x = driven wheels)	2 x / 2	2 x / 2	2 x / 2	2 x / 2
	Tread, front	mm 1180	1180	1180	1180
	Tread, rear	mm 1195	1195	1195	1195
Dimensions	Tilt of mast, forward / backward	deg 6 / 12	6 / 12	6 / 12	6 / 12
	Height, mast lowered	mm 2230	2230	2235	2360
	Free lift	mm 150	150	155	160
	Height, mast extended	mm 4265	4265	4265	4420
	Height of overhead guard	mm 2230	2230	2230	2230
	Seat height	mm 1200	1200	1200	1200
	Overall width	mm 1480	1480	1480	1480
	Length to face of forks	mm 3085	3135	3215	3415
	Fork size L x W x T	mm 1070 x 150 x 50	1070 x 150 x 50	1220 x 150 x 55	1220 x 150 x 60
	Fork spread (outside), max / min	mm 1290 / 300	1290 / 300	1290 / 300	1290 / 300
	Max fork height	mm 3000	3000	3000	3000
	Ground clearance, loaded, below mast	mm 115	115	140	140
	Ground clearance, centre of wheelbase	mm 185	185	185	185
	Right angle stacking aisle width (1200 x 1200mm pallet & clearance 200mm)	mm 4714	4785	4820	5040
	Turning radius (outside)	mm 2730	2790	2825	3040
	Load distance (centre of front axle to front face of forks)	mm 560	560	590	590
Performance	Travel speed, without load, power shift T / M, fwd / rvs	km / h 26.0 / 19.5	26.0 / 19.5	26.0 / 19.0	26.0 / 19.0
	Travel speed, without load, manual shift T / M, fwd / rvs	km / h 19.5 / 19.0	19.5 / 19.0	19.5 / 19.0	-
	Lift speed, with / without load	mm / s 540 / 580	540 / 580	480 / 520	480 / 500
	Lowering speed, with / without load	500/550	500/550	450/450	450/500
	Drawbar pull, with / without load, power shift T / M, manual shift T / M	kN 33.3 / 17.6 / 21.1 / 17.6	33.3 / 17.6 / 21.1 / 17.6	34.3 / 18.6 / 21.6 / 18.6	34.3 / 18.6
	Gradeability, with / without load, power shift T / M, manual shift T / M	% 33 / 20 / 18 / 20	30 / 20 / 16 / 18	27 / 20 / 15 / 16	25 / 20
	Service brake	Power assist hydraulic (power brake) - foot pedal			
Others	Type of drive control	Fully hydrostatic type			
	Operating pressure for attachments	Mpa 17.1	17.1	17.1	17.1

1F 5 SERIES - PETROL / LPG



Forklift - 1F 5 SERIES - PETROL / LPG

STANDARD SPECIFICATIONS

Model	Power shift T/M	FG35T9 / FG35T2	FG40T9 / FG40T2	FG45T9 / FG45T2	FG50T9 / FG50T2
Characteristics	Manufacturer	Nissan Forklift	Nissan Forklift	Nissan Forklift	Nissan Forklift
	Power unit: electric, diesel, gasoline, LPG, others	Petrol / LPG	Petrol / LPG	Petrol / LPG	Petrol / LPG
	Operation: sit, hand, pedestrian, standing, seated	Rider Seated	Rider Seated	Rider Seated	Rider Seated
	Load capacity, load centre 500mm / load center 600mm	kg 4000 / 3500	4500 / 4000	5000 / 4500	5000 / 5000
	Load distance, centre of drive axle to fork	560	560	590	590
	Wheel base	mm 2000	2000	2000	2200
Weights	Total weight, power shift T / M, manual shift T / M	kg 6110	6530	7020	7320
	Weight distribution, with / without load power shift T / M, front / rear	kg 8460 / 1150 / 2930 / 3180	9180 / 1350 / 2860 / 3670	10220 / 1300 / 3045 / 3975	11060 / 1260 / 3360 / 3960
	Weight distribution, with / without load manual shift T / M, front / rear	kg -	-	-	-
Wheels & Tyres	Tyres: cushion, super elastic, pneumatic, polyurethane	Pneumatic			
	Tyre size, front	300-15-18PR (1)	300-15-18PR (1)	300-15-18PR (1)	300-15-18PR (1)
	Tyre size, rear	7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)
	Wheels, number front / rear (x = driven wheels)	2 x / 2	2 x / 2	2 x / 2	2 x / 2
	Tread, front	mm 1180	1180	1180	1180
	Tread, rear	mm 1195	1195	1195	1195
Dimensions	Tilt of mast, forward / backward	deg 6 / 12	6 / 12	6 / 12	6 / 12
	Height, mast lowered	mm 2230	2230	2235	2360
	Free lift	mm 150	150	155	160
	Height, mast extended	mm 4265	4265	4265	4420
	Height of overhead guard	mm 2230	2230	2230	2230
	Seat height	mm 1200	1200	1200	1200
	Overall width	mm 1480	1480	1480	1480
	Length to face of forks	mm 3085	3135	3215	3415
	Fork size L x W x T	mm 1070 x 150 x 50	1070 x 150 x 50	1220 x 150 x 55	1220 x 150 x 60
	Fork spread (outside), max / min	mm 1290 / 300	1290 / 300	1290 / 300	1290 / 300
	Max fork height	mm 3000	3000	3000	3000
	Ground clearance, loaded, below mast	mm 115	115	140	140
	Ground clearance, centre of wheelbase	mm 185	185	185	185
	Right angle stacking aisle width (1200 x 1200mm pallet & clearance 200mm)	mm 4714	4785	4820	5040
	Turning radius (outside)	mm 2730	2790	2825	3040
	Load distance (centre of front axle to front face of forks)	mm 560	560	590	590
Performance	Travel speed, without load, power shift T / M, fwd / rvs	km / h 26.0 / 19.5	26.0 / 19.5	26.0 / 19.0	26.0 / 19.0
	Travel speed, without load, manual shift T / M, fwd / rvs	km / h -	-	-	-
	Lift speed, with / without load	mm / s 500 / 540	500 / 540	390 / 500	390 / 500
	Lowering speed, with / without load	500/550	500/550	450/450	450/500
	Drawbar pull, with / without load, power shift T / M	kN 31.4 / 17.6	31.4 / 17.6	31.4 / 18.6	31.4 / 18.6
	Gradeability, with / without load, power shift T / M	% 25 / 20	25 / 18	25 / 18	25 / 20
Others	Service brake	Power assist hydraulic (power brake) - foot pedal			
	Type of drive control	Fully hydrostatic type			
	Operating pressure for attachments	Mpa 17.1	17.1	17.1	17.1