

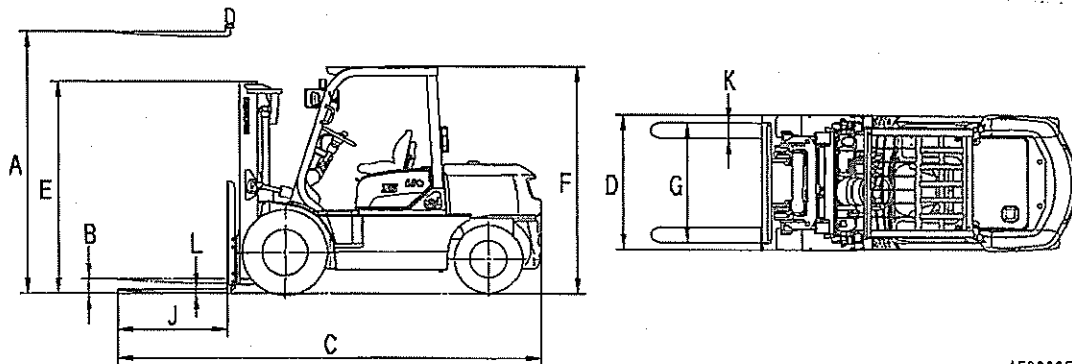
27. TECHNICAL DATA

Specifications

Gasoline engine lift truck

Item		Unit	FG35-7	FG40-7	FG45-7
● Performance					
Capacity		kgf (lb)	3500 (7700)	4000 (8800)	4500 (9900)
Load center		mm (in)	600 (24)	600 (24)	600 (24)
Max. lifting height		A mm (in)	3000 (118)	3000 (118)	3000 (118)
Free lift		B mm (in)	150 (5.9)	155 (6.1)	140 (5.5)
Fork lifting speed (with load)		mm/s (in/s)	450 (17.7)	450 (17.7)	390 (15.4)
Max. travel speed (without load)	Clutch (forward/reverse)	km/h (MPH)	19.5/19.5 (12.1/12.1)	19.5/19.5 (12.1/12.1)	19.5/19.5 (12.1/12.1)
	TORQFLOW (forward/reverse)	km/h (MPH)	19.5/19.5 (12.1/12.1)	19.5/19.5 (12.1/12.1)	24.0/19.5 (14.9/12.1)
Gradeability (with load) [Clutch/TORQFLOW]		degree	13.8/18.7	12.6/16.8	11.5/18.7
● Dimensions, weight					
Overall length		C mm (in)	4150 (163.5)	4215 (166.1)	4265 (168.0)
Overall width		D mm (in)	1350 (53.1)	1450 (57.1)	1450 (57.1)
Overall height	Mast	E mm (in)	2105 (82.9)	2105 (82.9)	2205 (86.9)
	Overhead guard	F mm (in)	2240 (88.3)	2240 (88.3)	2240 (88.3)
Fork length x width x thickness		J mm (in)	1070x150x45 (42.1x5.9x1.8)	1070x150x50 (42.1x5.9x2.0)	1070x150x50 (42.1x5.9x2.0)
Fork spread		G mm (in)	300 - 1190 (11.8 - 46.9)	300 - 1190 (11.8 - 46.9)	300 - 1190 (11.8 - 46.9)
Service weight [Clutch/TORQFLOW]		kgf (lb)	5585/5645 (12310/12450)	6010/6070 (13250/13380)	6565/6625 (14480/14610)
● Engine					
Type		-	NISSAN TB42	NISSAN TB42	NISSAN TB42
Piston displacement		cc (cu.in)	4169 (254)	4169 (254)	4169 (254)
Flywheel horsepower		kW (HP)/rpm	62.5(85)/2100	62.5(85)/2100	62.5(85)/2100
● Tires					
Front tires		-	8.25-15-12PR	300-15-18PR	300-15-18PR
Rear tires		-	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR

Dimension chart



AE822350