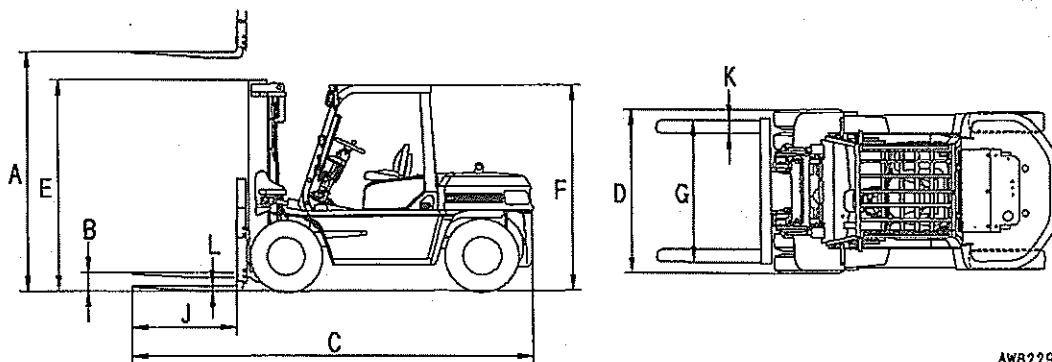


27. TECHNICAL DATA

Item	Unit	FD50-7	FD60-7	FD70-7	FD80-7		
● Performance							
Capacity	kgf (lb)	5000 (11000)	6000 (13200)	7000 (15400)	8000 (17600)		
Load center	mm (in)	600 (24)	600 (24)	600 (24)	600 (24)		
Max. lifting height	A	mm (in)	3000 (118)	3000 (118)	3000 (118)		
Free lift	B	mm (in)	210 (8.3)	215 (8.5)	220 (8.7)		
Fork lifting speed (with load)		mm/s (in/s)	530 (20.9)	500 (19.7)	450 (17.7)		
Max. travel speed (without load)	1st (forward/reverse)	km/h (MPH)	12/12 (7.5/7.5)	12/12 (7.5/7.5)	12/12 (7.5/7.5)		
	2nd (forward/reverse)	km/h (MPH)	32/32 (19.9/19.9)	32/32 (19.9/19.9)	31/31 (19.3/19.3)		
Gradeability (with load)	degree	30.6	25.0	21.2	21.1		
● Dimensions, weight							
Overall length	C	mm (in)	4690 (184.8)	4695 (185.0)	4785 (188.5)		
Overall width	D	mm (in)	1880 (74.1)	1960 (77.2)	1960 (77.2)		
Overall height	Mast	E	mm (in)	2500 (98.5)	2500 (98.5)	2710 (106.8)	
	Overhead guard	F	mm (in)	2440 (96.1)	2440 (96.1)	2610 (102.8)	
Fork length x width x thickness	J K L	mm (in)	1220x150x55 (48.0x5.9x2.2)	1220x150x60 (48.0x5.9x2.4)	1220x150x65 (48.0x5.9x2.6)	1220x170x65 (48.0x6.7x2.6)	
		Fork spread	G	mm (in)	300 - 1700 (11.8 - 66.9)	300 - 1700 (11.8 - 66.9)	300 - 1700 (11.8 - 66.9)
		Service weight		kgf (lb)	7540 (16630)	8360 (18430)	9150 (20180)
● Engine							
Type	-	KOMATSU 6D102E	KOMATSU 6D102E	KOMATSU 6D102E	KOMATSU S6D102E		
Piston displacement	cc (cu.in)	5880 (359)	5880 (359)	5880 (359)	5880 (359)		
Flywheel horsepower	kW (HP)/rpm	77(104)/2250	77(104)/2250	77(104)/2250	96(129)/2250		
● Tires							
Front tires	-	Single 300-15-18PR	Double 8.25-15-12PR	Double 8.25-15-14PR	Double 9.00-20-12PR		
Rear tires	-	7.50-16-12PR	8.25-15-12PR	8.25-15-14PR	9.00-20-12PR		

Dimension chart



AW822900