

Forklift Series

SF30/SF50/SF70/SF100



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Forklift Series

SF30/SF50/SF70/SF100

ENGINE				
Forklift model	SF30	SF50	SF70	SF100
Make	XINCHAI	CHAOCHAI	CHAOCHAI	CHAOCHAI
Model	C490BPG	6102BG	6102BG	6102BG
Rated power	40 kW @ 2650 rpm	81 kW @ 2500 rpm	81 kW @ 2500 rpm	81 kW @ 2500 rpm
Rated torque	165 Nm @ 1800 rpm	353 Nm @ 1700 rpm	353 Nm @ 1700 rpm	353 Nm @ 1700 rpm
Displacement	2.7L	5.795L	5.795L	5.795L
Number of cylinders	4	6	6	6
Cylinder bore x stroke	90 x 105 mm	102 x 118 mm	102 x 118 mm	102 x 118 mm

PERFORMANCE				
Forklift model	SF30	SF50	SF70	SF100
Drive speed with/without load	-	26 km/h / 28 km/h	26 km/h / 28 km/h	26 km/h / 28 km/h
Lifting speed (with load)	420 mm/sec	500 mm/sec	450 mm/sec	360 mm/sec
Max gradeability (with load)	20%	20%	20%	20%

CHARACTERISTICS				
Forklift model	SF30	SF50	SF70	SF100
Power type	Diesel	Diesel	Diesel	Diesel
Load capacity	3000 kg	5000 kg	7000 kg	10 000 kg
Load center	500 mm	600 mm	600 mm	600 mm
Service weight	4350 kg	8183 kg	9400 kg	12 300 kg

CHASSIS				
Forklift model	SF30	SF50	SF70	SF100
Wheel base	1700 mm	2250 mm	2250 mm	2800 mm
Number of wheels (front/rear)	2 / 2	4 / 2	4 / 2	4 / 2
Front overhang	495 mm	627 mm	627 mm	726 mm
Rear overhang	509 mm	600 mm	720 mm	740 mm
Front tread	1000 mm	1470 mm	1470 mm	1600 mm
Rear tread	980 mm	1700 mm	1700 mm	1722.5 mm
Front tyre type	28*9-15-14PR	8.5-15-14PR	8.5-15-14PR	9.00-20-14PR
Rear tyre type	6.50-10-10PR	8.5-15-14PR	8.5-15-14PR	9.00-20-14PR
Solid tyre	YES	YES	YES	YES

DIMENSIONS AND WEIGHT				
Forklift model	SF30	SF50	SF70	SF100
Mast type	3 Stage	2 Stage	2 Stage	2 Stage
Mast tilt angle	6°/12°	6°/12°	6°/12°	6°/12°
Overall length (with fork)	3779 mm	4690 mm	4840 mm	5400 mm
Overall length (without fork)	2704 mm	3460 mm	3646 mm	4200 mm
Overall width	1226 mm	1995 mm	1995 mm	2230 mm
Height of overhead guard	2070 mm	2450 mm	2450 mm	2497 mm
Height of mast lowered	2070 mm	2500 mm	2500 mm	2800 mm
Height of mast extended	4216 mm	4420 mm	4420 mm	4426 mm
Distance from Seat Surface to Overhead Guard	2140 mm	-	-	-
Lift height	4500 mm	3000 mm	3000 mm	3000 mm
Free lift height	160 mm	195 mm	195 mm	195 mm
Fork adjusting range	250 mm / 1090 mm	350 mm / 1756 mm	350 mm / 1756 mm	350 mm / 2030 mm
Ground clearance (at frame) with/without load	130 mm / 135 mm	240 mm / 250 mm	240 mm / 250 mm	240 mm / 250 mm
Ground clearance (at mast) with/without load	110 mm / 135 mm	200 mm / 230 mm	200 mm / 230 mm	205 mm / 240 mm
Min turning radius	2400 mm	3250 mm	-	3900 mm
Fork (LxWxH)	1200 mm x 122 mm x 45 mm	1500 mm x 175 mm x 50 mm	2000 mm x 175 mm x 50 mm	2400 mm x 173 mm x 85 mm

SERVICE				
Forklift model	SF30	SF50	SF70	SF100
Fuel tank	38L	165L	165L	165L
Engine coolant	4.6L	12L	12L	12L
Engine oil	-	12L	12L	12L
Hydraulic tank	38L	120L	120L	120L
Gearbox and torque converter	7L	20L	20L	20L
Driving axle	7L	18L	18L	18L
Brake fluid	0.3L	0.3L	0.3L	0.3L

OTHERS				
Forklift model	SF30	SF50	SF70	SF100
Side shift	Standard	Standard	Standard	Standard
Fire extinguisher	Standard	Standard	Standard	Standard
Reverse alarm	Standard	Standard	Standard	Standard
Strobe light	Standard	Standard	Standard	Standard
Fork adjuster	-	-	-	Standard

The specifications are subject to change without notice. The pictures may include options. The actual colour & appearance of the product may differ from what is shown.

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