



# ZMW

Zhang's Motor Works

[www.cj750.net](http://www.cj750.net)

Vehicle Model	CJ750 M1M Classic (Vintage 24hp SV engine)	CJ750 M1Super Cruiser (32hp OHV engine)
Dimension		
L x W x H	2.49 x 1.590 x 1.00	8'4" x 5'2" x 3'5"
Engine	SV 746 cc	OHV 746 cc
Max. Power	24 hp @ 4800 RPM	32 hp @ 5500 RPM
Starting Method	Electric and Kick starter	Electric and Kick starter
Carburetor	PZ24	PZ28
Bore	78mm 3.07"	78mm 3.07"
Stroke	78mm 3.07"	78mm 3.07"
Compression Ratio	6:1	7:1
Sparkplugs	Torch 4114 Bosch W4AC	NGK:BP5HS Champion: L9LY L92YC Bosch: W88 W8BC W8BP
Fuel	Regular or high octane	Regular or high octane
Engine Oil	20W50 or 10W40	20W50 or 10W40
Gearbox Oil	SAE 80W90	SAE 80W90
Transmission Oil Capacity	26 oz. or .8 liters	26 oz. or .8 liters
Engine Oil Capacity	2 liters 2.2 quarts	2 liters 2.2 quarts
Final Drive Oil Capacity	5 oz or .175 liters	5 oz. or .175 liters
Wheel Base	4.6' or 1.42 meter	4.6' or 1.42 meters
Track of Three Wheel Vehicle	3.61' or 13.5 cm	3.61' or 13.5 cm
Ground clearance	4.72"	4.72"
Fuel Tank Volume	21 liters 5.8 gallons	21 liters 5.8 gallons
Voltage	12 V	12 V
Gear Stage	4 + optional reverse & final drive	4 + optional reverse & final drive
Gear ratio	1st: 3.6:1 2nd: 2.29:1 3rd: 1.71:1 4th: 1.3:1  Final drive ratio: 4.62:1 with optional 3.89:1 Option 4th gear: 1.19:1	1st: 3.6:1 2nd: 2.29:1 3rd: 1.71:1 4th: 1.3:1  Final drive ratio: 4.62:1 with optional 3.89:1 Option 4th gear: 1.19:1
Transmission Type	shaft drive	shaft drive
Gross Weight	360 kilos or 792 pounds	360 kilos or 792 pounds
Max. Payload	400 kilos or 880 pounds	400 kilos or 880 pounds
Max. Speed (Approx.)	100 km/h 60 mp/h	120 km/h 75 mp/h
Fuel Economy	8 liters per 100 km	7 liters per 100 km
Clutch Type	Twin dry plate	Twin dry plate
Tire Size	3.5/3.75 x 19	3.5/3.75 x 19
Tire Pressure	Front: 3.2 or 1.8 bar Rear: 3.1 or 2.2 bar Side: 3.2 or 2.0 bar	Front: 3.2 or 1.8 bar Rear: 3.1 or 2.2 bar Side: 3.2 or 2.0 bar
Battery Type	12 volt lead acid, 28 AMP/hour	12 volt lead acid, 28 AMP/hour
Bulbs	Head lamp: 60W/55W, 12V Tail lamp: 20W/8W, 12V Turn signal: 20W, 12V	Head lamp: 60W/55W, 12V Tail lamp: 20W/8W, 12V Turn signal: 20W, 12V
Brake Type	Drum	Drum
Suspensions	Front: Telescopic oil damped  Rear: Plungers  Sidecar: Torsion bar & rocker arm	Front: Telescopic oil damped;  Rear: Plungers  Sidecar: Torsion bar & rocker arm
Steering Head Angle	25.5 degrees	25.5 degrees