

	C50	C50M	C65, C65M	S65	S50
Noise output at rear of exhaust pipe : phon			5400 rpm/50 phon, A grade	6000 rpm/60 phon, A grade	
Min. turning radius	1.80 m (70.8 in.)	1.80 m (70.8 in.)	1.80 m (70.8 in.)	1.96 m (77.17 in.)	1.74 m (68.50 in.)
Engine Name and model	C50E	C50E	C65E (C65E)	S65E	S50E
Manufacturer	Honda Motor Co., Ltd., Suzuka Factory	Same as left	Same as left	Same as left	Same as left
Type fuel used	Gasoline	Gasoline	Gasoline	Gasoline	Gasoline
Type engine	Air cooled 4 stroke cycle	Air cooled 4 stroke cycle	Air cooled 4 stroke cycle	Air cooled 4 stroke cycle	Air cooled 4 stroke cycle
No. of cylinder and arrangement	Single cylinder, tilted up 10° from horizontal	Same as left	Single cylinder, tilted up 10° from horizontal	Same as left	Single cylinder, tilted forward 80°
Valve arrangement	Overhead valve	Overhead valve	Overhead valve	Overhead valve	Overhead valve
Total piston displacement	49 cc (3.00 cu in.)	49 cc (3.00 cu in.)	63 cc	63 cc	49 cc
Bore × stroke	39 × 41.4 (1.44 × 1.63 in.)	39 × 41.4 (1.44 × 1.63 in.)	44 × 41.4 (1.73 × 1.63 in.)	44 × 41.4 (1.73 × 1.63 in.)	39 × 41.4 (1.54 × 1.63 in.)
Compression ratio	8.8	8.8	8.8	8.8	8.8
Compression pressure :	12kg/cm ² (170 lb./in. ²) @ 1000 rpm	12kg/cm ² (170 lb./in. ²) @ 1000 rpm	12kg/cm ² (170 lb./in. ²) @ 1000 rpm	12kg/cm ² (170 lb./in. ²) @ 1000 rpm	12kg/cm ² (170 lb./in. ²) @ 1000 rpm
Max. output	4.8 PS/10000 rpm	4.8 PS/10000 rpm	5.5P.S./9000 rpm	6.22 P.S./10000 rpm	5.2 P.S./10250 rpm
Max. torque	0.37 kg-m/8200 rpm (2.7 ft-lb./8200 rpm)	0.37 kg-m/8200 rpm (2.7 ft-lb./8200 rpm)	0.46 kg-m/7000 rpm (3.32 ft-lb./7000 rpm)	0.485 kg-m/8500 rpm (3.47 ft-lb./8500 rpm)	0.38 kg-m/9000 rpm (2.75 ft-lb./9000 rpm)
Min. fuel consumption at max. load	250 g/PS-h/8200 rpm	250 g/PS-h/8200 rpm	250g/P.S-h/7000rpm	250g/P.S-h/7500rpm	250g/P.S-h/8000rpm
Dimension mm	451 ℓ × 355w × 291h (17.8 × 14.6 × 11.3)	451 ℓ × 371w × 291h (17.8 × 14.6 × 11.3)	451 ℓ × 371w × 288h (1355)	432 ℓ × 348w × 331h (17.0 × 13.7 × 13.0)	432 ℓ × 348w × 366h (17.0 × 13.7 × 14.4)
Total weight	18 kg (39.6 lb)	21.2 kg (25 lb)	18 kg (39.6 lb) [21.2 146.6 lb]	17.9 kg (39.4 lb)	18 kg (39.6 lb)
Installation and method	On frame center bolted from bottom	Same as left	Same as left	Same as left	Same as left
Starting method	Kick starter	Kick starter, starting motor	Kick starter (also starting motor)	Kick starter	Kick starter
Fuel system					
Carburetor No. and type	DP13N13 × 1	DP13N13 × 1	DP13N14 × 1	PW18 × 1	PW17 × 1
Manufacturer	Keihin Seiki	Keihin Seiki, Mikuni Kogyo	Keihin Seiki	Keihin Seiki, Mikuni Kogyo	Same as left
Air filter type	Dry filter element	Same as left	Dry filter element	Same as left	Same as left
Manufacturer	Tokyo Roki	Tokyo Roki	Tokyo Roki	Tokyo Roki, Tsuchiya Seisakusho	Tokyo Roki, Tsuchiya Seisakusho
Fuel pump type					
Manufacturer					
Fuel tank capacity	3.0 ℓ (6.3 U.S. pt) (5.3 Imp. pt)	3.0 ℓ (6.3 U.S. pt) (5.3 Imp. pt)	4.5 ℓ (9.5 U.S. pt) (7.9 Imp. pt)	6.5 ℓ (13.7 U.S. pt) (11.4 Imp. pt)	5.5 ℓ (11.6 U.S. pt) (9.7 Imp. pt)
Lubrication system	Pressure and splash	Same as left	Same as left	Same as left	Same as left
Lubricating method	Gear pump	Gear pump	Gear pump	Gear pump	Gear pump
Type pump	Screen and centrifugal filter	Same as left	Same as left	Same as left	Same as left
Type oil filter	0.8 ℓ (1.7 U.S. pt) (1.4 Imp. pt)	Same as left	0.8 ℓ (1.7 U.S. pt) (1.4 Imp. pt)	Same as left	Same as left
Lubrication system capacity					

	C50	C50M	C65, C65M	S65	S50
Ignition system					
Ignition method	High voltage electrical spark	Same as left	High voltage electrical spark	Same as left	Same as left
Type ignition coil	CM61-08	M61-03B	J390356 (HDA 295) [M61-03B]	J390356	J390356
Manufacturer	Hitachi Seisakusho	Hitachi Seisakusho	Mitsubishi Denki, Nippon Denso, Hitachi Seisakusho	Mitsubishi, Kokusan, Denso	Mitsubishi, Kokusan, Denso
Type spark plug	C-7HS	U22FW	C-7HS	U22FW	Same as left
Manufacturer	Nippon Tokushu Toki Denso	Nippon Toki Denso	Nippon Tokushu Toki Denso	Nippon Toki Denso	Same as left
Electrical system					
Battery No. and type	G2H, MBC1-6, 1 each	MBC1-6, 1 each	MBC1-6, 1 each [MBQ8-6, 1 each]	G 2H or MBC 1-6, 1 each	G 2H or MBC 1-6, 1 each
Volt and AH	6-2	6-11	6-2 [6V-11AH]	6-2	6-2
Manufacturer	Yuasa Battery	Yuasa Battery	Yuasa Battery	Yuasa Battery	Yuasa Battery
Type generator	F120	HO (6084)-ROT-ST	FAZ [HO (6084) ROT-ST]		
Manufacturer	Hitachi Seisakusho	Same as left	Mitsubishi Denki [Hitachi Seisakusho]	Same as left	Same as left
Type starting motor		SM-1	[SM-1]		
Manufacturer		Mitsuba Denki	[Mitsuba Denki]		
Type rectifier	Selenium	Same as left	Selenium	Same as left	Same as left
Manufacturer			Shin Dengen Kogyo	Same as left	Same as left
Power transmission system					
Primary reduction method	Gear	Gear	Gear	Gear	Gear
Reduction ratio	3.722	3.722	3.300	3.300	3.300
Clutch type	Automatic wet multiple disc centrifugal type	Same as left	Automatic wet multiple disc centrifugal type	Wet multiple disc type	Wet multiple disc type
Type transmission	Constant meshed gears	Same as left	Constant meshed gears	Same as left	Same as left
Gear change method	Left foot operated fore and aft	Same as left	Left foot operated fore and aft	Left foot operated rotary type	Left foot operated rotary type
Oil capacity					
Gear ratio, 1st gear	3.364	3.364	3.364	30.00	30.00
Gear ratio, 2nd gear	1.722	1.722	1.722	17.65	17.65
Gear ratio, 3rd gear	1.190	1.190	1.190	13.00	13.00
Gear ratio, 4th gear				10.43	10.43
Secondary reduction method	Chain and sprocket	Same as left	Chain and sprocket	Same as left	Same as left
Reduction ratio	3.000	3.000	3.154	33.08	31.54
Total gear ratio			12.4 (12.4)	11.4 (11.4)	12.2 (12.2)
Steering system					
Steering handle turning radius	45°	45°	45°	43°	43°