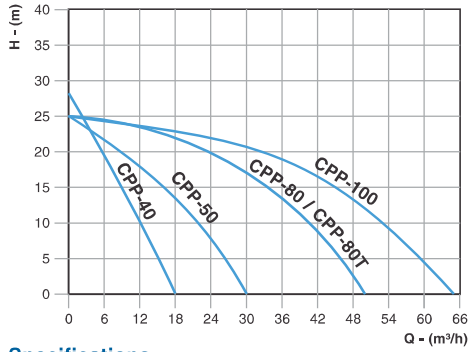


PETROL ENGINE DRIVEN PUMPS

Performance Curves



CPP-80T

Specifications

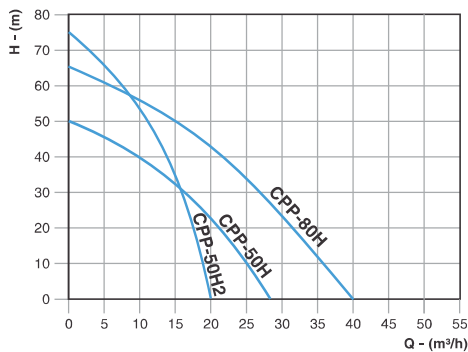
MODEL	WATER PUMP				TRASH PUMP
	CPP-40	CPP-50	CPP-80	CPP-100	CPP-80T
Inlet/Outlet dia inch	1½	2	3	4	3
Max. Flow m³/h	18	30	50	65	50
Max. Head m	28	25	25	25	25
Engine Speed rpm	3600	3600	3600	3600	3600
Displacement cc	87	163	163	270	200
Max Suction Head m	8	8	8	8	8
Self-Priming time S/4m	80	70	120	180	50
Max. Output HP	2.65	5.5	5.5	9.0	6.5
Fuel Tank Capacity L	2	3.6	3.6	6	3.6
Oil Tank Capacity	0.4	0.6	0.6	1.1	0.6
Approx. Fuel Consumption (L/Hr)	0.81	1.59	1.59	2.47	1.75
Net Weight kg	16.5	23	25	41.7	35
Dimensions (l x b x h) mm	435 x 330 x 315	445 x 375 x 375	510 x 375 x 435	610 x 480 x 535	545 x 435 x 460

Single Cylinder, Air Cooled, 4 Stroke Petrol Engine with Casted Aluminum pump body & Cast Iron Impeller

Optional : Electric start (Suffix letter "E" with model name for electric start models). Max. solid passage for TRASH PUMP is 20 mm.

HIGH PRESSURE PETROL ENGINE PUMPS

Performance Curves



Specifications

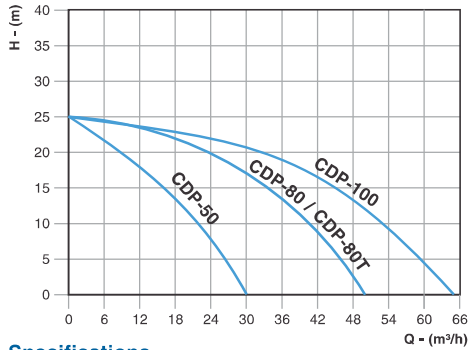
MODEL	CPP-50H	CPP-50H2	CPP-80H
Inlet/Outlet dia inch	2	2	3
Max. Flow m³/h	28	20	40
Max. Head m	50	75	65
Engine Speed rpm	3600	3600	3600
Displacement cc	196	196	389
Max Suction Head m	8	8	8
Self-Priming time S/4m	30	30	30
Max. Output HP	6.5	6.5	13
Fuel Tank Capacity L	3.6	3.6	6
Oil Tank Capacity	0.6	0.6	1.1
Approx. Fuel Consumption (L/Hr)	1.75	1.75	3.17
Net Weight kg	27	28.5	44
Dimensions (l x b x h) mm	510 x 420 x 445	510 x 420 x 445	610 x 480 x 535

Single Cylinder, Air Cooled, 4 Stroke Petrol Engine with Casted Aluminum pump body & Cast Iron Impeller

Optional : Electric start (Suffix letter "E" with model name for electric start models).

DIESEL ENGINE DRIVEN PUMPS

Performance Curves



CDP-80T

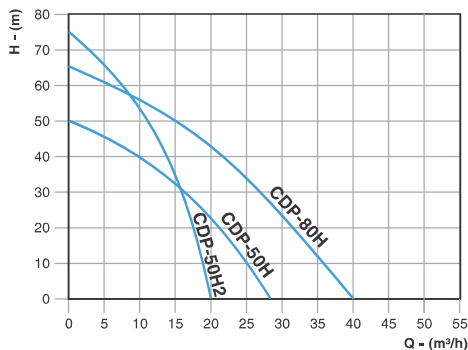
Specifications

MODEL	WATER PUMP			TRASH PUMP
	CDP-50	CDP-80	CDP-100	CDP-80T
Inlet/Outlet dia inch	2	3	4	3
Max. Flow m ³ /h	30	50	65	50
Max. Head m	25	25	25	25
Engine Speed rpm	3600	3600	3600	3600
Displacement cc	211	296	406	296
Max Suction Head m	8	8	8	8
Self-Priming time S/4m	70	120	180	50
Max. Output HP	4.2	6.0	10.0	6.0
Fuel Tank Capacity L	2.5	3.5	5.5	3.5
Oil Tank Capacity	0.75	1.11	1.65	1.11
Approx. Fuel Consumption (L/Hr)	0.93	1.34	2	1.34
Net Weight kg	38	45	67	48
Dimensions (l x b x h) mm	475 x 400 x 500	540 x 440 x 510	645 x 475 x 605	590 x 450 x 530

Single Cylinder, Air Cooled, Direct Injection type, 4 Stroke Diesel Engine with Casted Aluminum pump body & Cast Iron Impeller
Optional : Electric start (Suffix letter "E" with model name for electric start models). Max. solid passage for TRASH PUMP is 20 mm.

HIGH PRESSURE DIESEL ENGINE PUMPS

Performance Curves



Specifications

MODEL	CDP-50H	CDP-50H2	CDP-80H
Inlet/Outlet dia inch	2	2	3
Max. Flow m ³ /h	28	20	40
Max. Head m	50	75	65
Engine Speed rpm	3600	3600	3600
Displacement cc	296	296	406
Max Suction Head m	8	8	8
Self-Priming time S/4m	30	30	30
Max. Output HP	6	6	10
Fuel Tank Capacity L	3.5	3.5	5.5
Oil Tank Capacity	1.11	1.11	1.65
Approx. Fuel Consumption (L/Hr)	1.34	1.34	2
Net Weight kg	45	46	62
Dimensions (l x b x h) mm	540 x 440 x 540	540 x 440 x 540	645 x 475 x 605

Single Cylinder, Air Cooled, Direct Injection type, 4 Stroke Diesel Engine with Casted Aluminum pump body & Cast Iron Impeller
Optional : Electric start (Suffix letter "E" with model name for electric start models).

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PORTABLE PETROL GENERATORS



Specifications

Single Phase Generators

MODEL		50Hz 60Hz	CP-06-5 CP-08-6	CP-09-5 CP-10-6	CP-20-5* CP-23-6*	CP-23-5* CP-25-6*	CP-25-5* CP-28-6*	CP-30-5* CP-33-6*	CP-40-5* CP-45-6*	CP-50-5* CP-55-6*	CP-60-5* CP-65-6*	CP-85-5E CP-95-6E									
ALTERNATOR	Type	Single Phase Petrol Generators																			
	Rated AC Voltage (V)	1Ph, Single Voltage: 110, 115, 120, 220, 230, 240; 1Ph, Dual Voltage: 110/220, 115/230, 120/240																			
	Frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60								
	Rated Power (kW)	0.65	0.8	0.9	1.0	2.0	2.3	2.3	2.5	2.5	2.8	3.0	3.3	4.0	4.5	5.0	5.5	6.0	6.5	8.5	9.5
	Rated Power (KVA)	0.65	0.8	0.9	1.0	2.0	2.3	2.3	2.5	2.5	2.8	3.0	3.3	4.0	4.5	5.0	5.5	6.0	6.5	8.5	9.5
	Max Power (KVA)	0.72	0.88	1.0	1.1	2.3	2.5	2.5	2.8	2.8	3.1	3.3	3.8	4.5	5.0	5.5	6.0	6.5	7.0	9.5	10.5
	Power Factor	1		1		1		1		1		1		1		1		1		1	
	DC Output (V)	12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A		12V-8.3A	
PETROL ENGINE	Engine Model	PE-063		PE-87		PE-200		PE-200		PE-210		PE-270		PE-390		PE-390		PE-420		PE-620	
	Engine Type	2 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		4 Stroke		Double Cylinder	
	Displacement (cc)	63cc		87cc		196cc		196cc		208cc		270cc		389cc		389cc		420cc		614cc	
	Speed (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600	3000	3600
	Output (HP)	1.5		2.3		6.5		6.5		7		9		13		13		16		20	
	Starting System	Recoil				Recoil / Electric								Electric							
	Oil Tank Capacity (L)	/		0.4		0.6		0.6		0.6		1.1		1.1		1.1		1.1		1.4	
UNIT	Fuel Tank Capacity (L)	4.2		5.2		15		15		15		25		25		25		25		25	
	Fuel Consumption (L/Hr)	0.8	0.7	1.2	1	1.8	1.5	2	1.6	2.1	1.7	2.3	1.9	3.2	2.7	3.6	3	3.8	3.2	6	5
	Noise Level @7m (dB/A)	≤ 65		≤ 65		≤ 67		≤ 68		≤ 68		≤ 72		≤ 75		≤ 75		≤ 76		≤ 77	
	Dimensions(LxWxH)mm	370x315x310		465x375x380		590x433x483		590x433x483		685x512x550		685x512x550		685x512x550		685x512x550		685x512x550		930x555x580	
	Weight (kg)	18.5		25.8		43.5		44.5		49		68		78		79.5		87		139	

Note : " * " Models can also be supplied with electric start system on request. Suffix letter "E" for electric start models.

Model name Ends with "C" denotes single phase canopy type, "CT" denotes three phase canopy type & "T" denotes three phase open type.

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