





YC4D Series



YC6A Series



YC6MK Series

Technical Data

Model	YC4D120Z-C20	YC6A 190C	YC6A195C	YC6A220C	YC6MK240L-C23	YC6MK280L-C20	YC6MK320L-C20	YC6T350C
Type	Vertical, in-line, water cooled, four-stroke							
Intake way	Turbo-charged	Turbo-charged & inter cooled						
No. of cylinder - bore x stroke (mm)	4 - 108 x 115	6 - 108x132			6 - 123 x 145			6 - 145x165
Displacement (L)	4.214	7.252			10.338			16.35
Compression ratio	17:01				17.5:1			15.5:1
Continuous power/speed (kW(PS)/r/min)	90(120)/3000	140(190)/1800	145(197)/2300	162(220)/2300	176(240)/1800	206(280)/2100	235(320)/2100	257(350)/1200
One-hour power/speed (kW(PS)/r/min)	99(135)/3096	154(210)/1858	162(220)/2374	178.2(240)/2374	193.6(265)/1858	226.6(310)/2168	258.5(350)/1858	282(385)/1239
Min Specific fuel consumption (g/kW.h)	<198				<189			<195
Specific oil consumption (g/kW.h)	<0.5							
Crankshaft rotation direction (see from power output end)	Anticlockwise							
Starting way	Electrical							Electrical (Gas start is optional)
Overall dimension (LxWxH) (mm)	1043 x 741 x 1099	1415 x 910 x 1075			1531 x 867 x 1187			2125 x 1105 x 1645
Net weight (kg)	390	770			1100			1980
Matched reduction gearbox	MB170, MBS170	HCQ138, 120C, 135, MB242			MB242, MB270, 300			300, 400
Fly wheel size	SAE 11.5 SAE 3	SAE 11.5 SAE 2			SAE 14 SAE 1			
Certificate	ZC	ZC, CCS, EIAPP						





উন্নত মানের কাস্ট আয়রন পানির লাইন
(হিট এক্সচেঞ্জার)



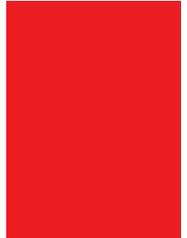
অন্য স্পট সার্ভিস ও স্পেয়ার পার্টস এর নিশ্চয়তা



বাজারের সবচেয়ে বেশি গতিসম্পন্ন ইঞ্জিন



হাই ইমপাল্‌স টার্বোচার্জার



ACI Motors Limited

ACI Limited is one of the largest conglomerates of Bangladesh. In 1992 ICI Plc divested its shareholding through a management buyout and the company name was changed from ICI Bangladesh Manufacturers Limited to Advanced Chemical Industries (ACI) Limited and the journey of ACI Limited started. ACI has diversified into four major strategic business divisions which include Pharmaceuticals, Consumer Brands, Agribusinesses and Logistics.

ACI Agribusinesses originated with a mission to develop agriculture for prosperity and has been working towards this goal uncompromisingly. The outcome of this venture is the business units of ACI Crop Care & Public health, ACI Seeds, ACI Fertilizer, ACI Motors, ACI Animal Health and ACI Agrolink.

ACI Motors was established in November 2007 with the aim of reducing ever increasing costs of crop production and the consistent scarcity of field labor through providing complete farm mechanization solution. ACI Motors plays a vital role in reducing cost of production and ensuring the best output of farmer's effort by providing modern agriculture machineries to them. According to the farmers' need, ACI Motors provides them with machineries like Sonalika brand Tractors from India, own ACI brand Power Tillers, Diesel Engines and Pumps from China, Yanmar brand Combine Harvesters & Rice Transplanters from Japan, ACI Reaper made by Kubota technology from Vietnam, Sicma brand Rotavator from Italy. ACI Motors has earned the trust of farmers quickly by providing them with high quality products at affordable price and appropriate credit facilities with best after sales service within 6 hours, anytime and anywhere in Bangladesh. In addition to that, ACI Motors is the biggest supplier of high quality agricultural machineries to the government, national and international projects with highest satisfaction.

ACI Motors has set footprint on Marine Diesel Engine Industry of Bangladesh from 2017, and represents one of the worlds leading - **Yuchai brand** Marine Diesel Engine is widely applied the advanced scientific technology makes the engine work with high reliability and endurance, Such as firm in line iron castings cylinder block, frame type alloy cast-iron cylinder head, wet type alloy cast iron cylinder liner forging reinforced crankshaft, crankshaft bearing and connecting rod bearing with strong bearing capacity, water cooled exhaust manifold etc.

Moreover, complete monitored instrument ensures the diesel engine's safe operation.



ACI Motors

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