

# YC6T Series

396 kW – 540 PK / 1800 rpm

## YUCHAI YC6T540 C

Configuration	Vertical, in-line, water cooled, 4-cycle
Continuous power /speed	396 kW (540 HP) / 1800 rpm
Intake way	Turbo-charged, intercooled
Displacement	16.35 L
Bore x stroke	145 x 165 mm
Cylinders	6
Compression ratio	15.5:1
Combustion system	Direct injection
Starting way	Electric starter
Net weight	1980 kg
Dimensions	1836 x 1060 x 1600
Min fuel consumption	≤ 198 g/ kW·h
Flywheel	SAE 14
Flywheel housing	SAE 1
Certificates	CCNR-II, IMO
Guarantee	2 years
Price	€ 36.500,-

## YC6T SERIES

Yuchai Marine YC6T engine series are available in the range from 390 HP till 540 HP.  
CCRN-II certificate No.: **R4\*II\*E2E3\*0093\*00**

Types	6T 390 C	6T 420 C	6T 480 C	6T 510 C	6T 375 C	6T 410 C	6T 450 C
<b>Continuous power</b>	287 kW 390 HP	308 kW 420 HP	352 kW 480 HP	375 kW 510 HP	275 kW 375HP	300 kW 410 HP	330 kW 450 HP
<b>Continuous speed</b>	1800 rpm	1800 rpm	1800 rpm	1800 rpm	1500 rpm	1500 rpm	1500 rpm

# YC6T Series

## STANDARD ENGINE EQUIPMENT

### Air Inlet System

Intercooler- sea water, corrosion resistant  
Air cleaner  
Turbocharger

### Exhaust System

Water cooling exhaust pipe  
Turbocharger  
Dry Elbow  
Flexible fitting exhaust corrugated pipe

### Cooling System

Thermostat  
Belt- driven centrifugal sea water pump  
Belt- driven centrifugal water pump  
Heat exchanger with expansion tank  
Engine oil cooler

### Lube System

Oil pump ,gear driven  
Oil cooler  
Oil filter  
Dipstick  
Crankcase breather  
Deep center sump oil pan

### Fuel System

Fuel filter  
Oil water separator  
Fuel pump  
Fuel transfer pump  
Fuel cut solenoid valve

### Control System

Mechanical governor  
Electronic governor  
Instrumentation :  
engine speed and hours ;  
engine oil pressure and temperature;  
engine jacket water temperature;  
on/off switch;  
emergency stop button;  
Remote meter parts (digital LCD type)  
25m remote meter wiring harness

### Starting/ Charging System

Electronic starting motors(24V/ 7.5kW)  
Charging alternator(28V/35A)

### Certification

ISO certificate  
Factory-designed systems built at Yuchai  
ISO/TS16949:2009 certified facilities  
CCNR-II certificate  
IMO certificate

### YC6T 540 C Engine includes

CCNR-II, IMO certificate, double layer fuel pipes,  
mechanical fuel pump, electrical panel,  
remote panel, fuel leakage collection tank,  
heat exchanger and sea water pump.

## DEALER YUCHAI MARINE BV

Firma: **Koning Technisch Bedrijf BV**

Adress: Eekhorstweg 20  
7942 KC MEPPPEL  
The Netherlands

Tel.: 0031 522 461 435

Email: info@ktbkoning.nl

Web: www.ktbkoning.nl