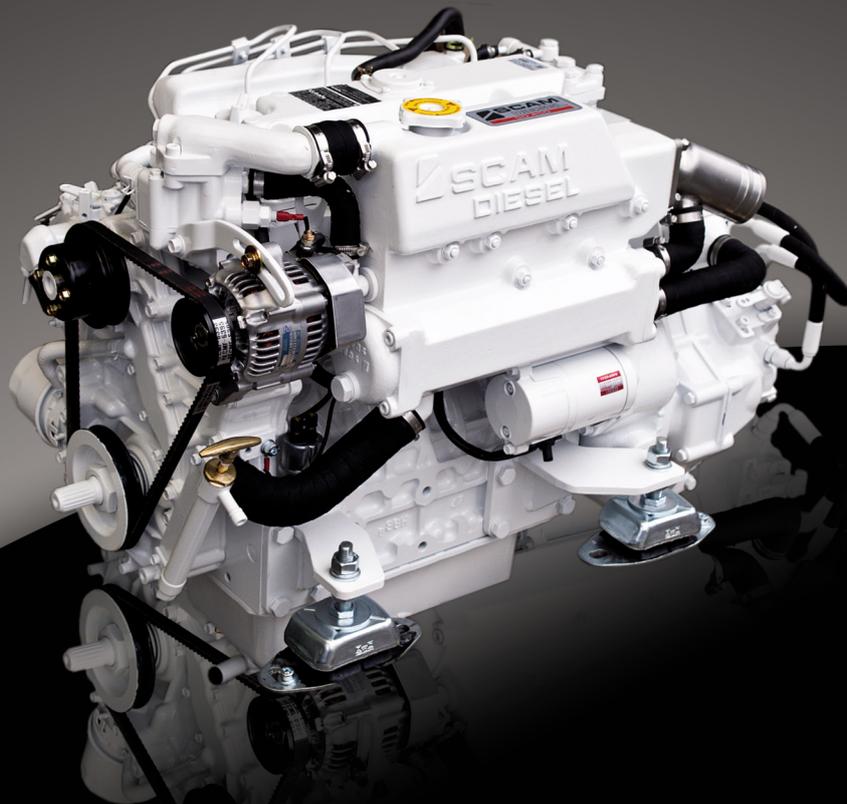




# SCAM

## DIESEL



## SD 450

SCAM DIESEL marine engines are synonymous with high quality and efficiency. Due to the design of the engines only minimal and fairly basic maintenance is required. All the parts for periodical maintenance are available from stock. The indirect water cooling system with water to sea water heat exchangers guarantees optimal working temperature which extends the engine's durability.

The new developed fuel injection system endorses low fuel consumption and environmental friendlier combustion. Every engine is supplied with a complete electrical installation, including control panel. Flexible (rubber) engine mounts support with connections for cable control. Oil extraction hand-pump is also installed on engines. As option, we offer couplings to connect a hydraulic pump or a compressor for the refrigerator.

## SD 450

The basis for the SCAM DIESEL SD 450 is a carefully chosen Kubota engine, which is marinized using our longtime experience and expertise in this field. We have been able to achieve:

- higher power rating
- higher torque rating
- lower exhaust gas emission values

Kubota's original E-TVCS (Three Vortex Combustion System) has been improved. The combustion chamber and piston recess were optimized to achieve a 50% lower particulate matter (PM) level.

### Standard equipment

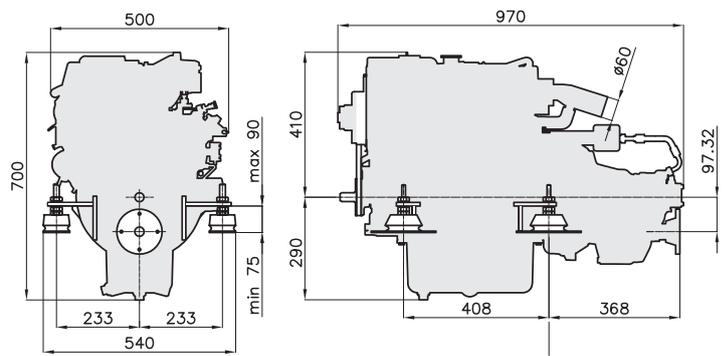
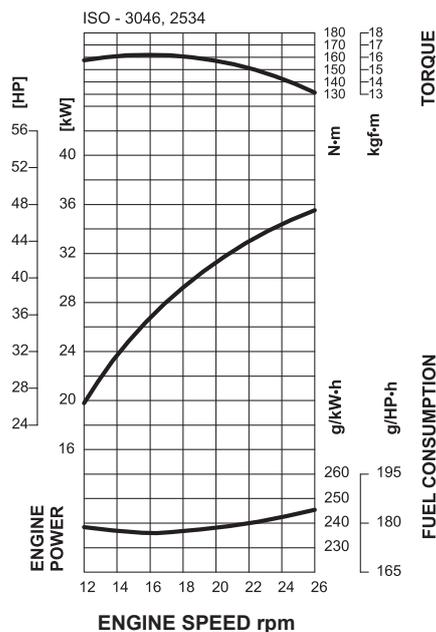
- analog instrument panel with extension cable
- flexible engine mounts
- marine gearbox Twin Disc Technodrive TMC 260; ratio 1,54-2,0-2,47-2,88:1
- TM 345; ratio 1,54-2,0-2,47:1
- TM 345A; ratio 1,54-2,0-2,47:1

### Additional equipment

- shafting
- propeller
- single lever control
- cable for single lever control
- flexible exhaust hose
- water lock for exhaust gas
- fuel tank

All SCAM DIESEL marine engines come with a 24 months warranty on material assembly mistakes taking effect from the date of sale.

### Power, fuel consumption and torque diagram



### Technical specifications

Engine type	SD 450
Basic engine	Kubota
Fuel	diesel
Injection	indirect
Cooling	closed system with fresh water and heat exchanger
Intake system	naturally aspirated
Displacement	2434 cm <sup>3</sup>
Cylinder bore/stroke	87/102,4 mm
Number of cylinders	4
Dry weight (including gearbox)	230 kg
Max. power (flywheel)	34,5 kW (47 HP)
ISO 30462534	
Max. RPM	2600
Alternator	12V 40 A
Marine gearbox	mechanical
	TMC 260 – drop centre hydraulic
	TM 345 – drop centre
	TM 345A – angle drive 8
Sea water connection diameter	20 mm
Fuel hose connection diameter	8 mm
Exhaust pipe internal diameter	60 mm



Licensed distributor

[www.scam-marine.hr](http://www.scam-marine.hr)



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