

The logo for SCAM DIESEL features a stylized white and grey geometric shape on the left, followed by the word "SCAM" in large, bold, white, sans-serif capital letters, and "DIESEL" in smaller, bold, white, sans-serif capital letters below it.

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 and oil 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

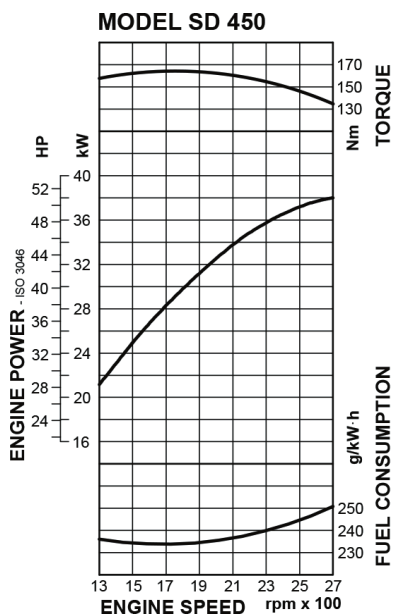
- engine control panel with extension cable (analog)
- visual display: oil pressure, water temp, tachometer, running hour counter
- indicator lights: high water temp, low oil pressure, alternator charging, buzzer alarm, cancel alarm
- engine start-stop key, emergency stop (solenoid)
- flexible engine 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

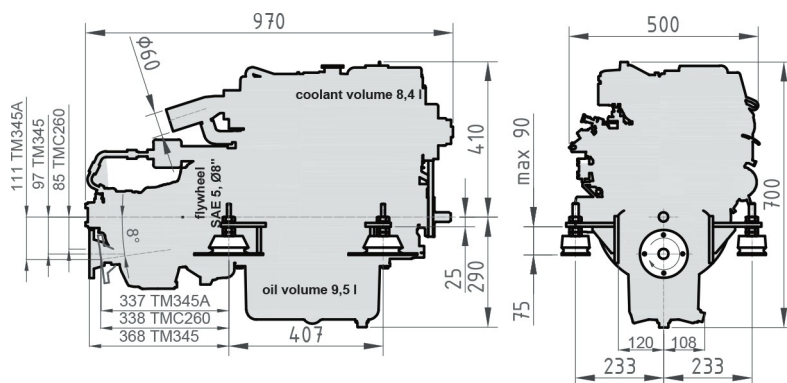
- shafting
- propeller
- single lever control
- cable for single lever control
- flexible exhaust hose
- water lock for exhaust gas / exhaust silencer
- fuel tank

All SCAM DIESEL marine engines come with a 24 months warranty on material assembly mistakes.

Engine curves



Dimensions



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 ³
Cylinder bore/stroke	87/102,4 mm
Number of cylinders	4
Dry weight (excluding gearbox)	230 kg
Max. power (flywheel) ISO 3046, 2534	38 kW (51 HP)
Max. RPM	2700
Alternator	12 V, 40 A
Marine gearbox TWIN DISC TECHNODRIVE TMC 260 - mechanical	
Dry weight (gearbox)	18 kg
Marine gearbox TWIN DISC TECHNODRIVE TM 345 - hydraulic	
TM 345A - hydraulic	
Dry weight (gearbox)	25 kg
Sea water hose connection internal diameter	30 mm
Fuel hose connection internal diameter	8 mm
Exhaust hose connection internal diameter	60 mm



Licensed distributor

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