

## Air/Oil Cooled Vertical Diesel Engine



Based on its superior overall technological capability, Kubota introduces the new OC series with ACTV system. The ACTV system, an original Kubota development, is an "Advanced Cooling Three Vortex" system which cools the combustion chamber with oil and the cylinder with air.

Low Noise: One of the main characteristics of TVCS is noise reduction. Thus, the combination of ACTV (Advanced Cooling Three Vortex", and TVCS (Three Vortex Combustion System) enables the OC series engine to maintain low noise levels. Furthermore the flow of lub, oil around the combustion chamber absorbs noise and reduces it to the level of water-cooled engines.

Less Vibration: Kubota's technology ensures less vibration with the standardly equipped single shaft balancer

Low Exhaust Emissions: Kubota produces engines which exceeds the requirements of EPA Tier 1 and EU Tier 2 Exhaust Emission Regulations

Smooth Starting: A 12 volt electric start system is fitted as standard to provide easy starting.

## SPECIFICATIONS

Type	Air/Oil Cooled Vertical Diesel Engine
Number Of Cylinders	1
Bore & Stroke mm	83 x 77
Total Displacement L	0.416
Combustion System	Three Vortex Combustion System
Max Output Net Intermittent kW/rpm (hp/rpm)	7.1/3600 (9.5/3600)
Maximum Output Continuous kW/rpm;(hp/rpm)	6.3/3600 (8.5/3600)
Starting System	Electric Start (Manual back-up option available)
Fuel Tank Capacity Ltr	5.5
Dry Weight	56kg

## OPTIONS

Shaft options

**Q Shaft:** 1" Key Way Shaft

**G Shaft:** Tapered Generator Shaft

**R Shaft:** 2 to1 Reduction 18mm shaft