

Business Unit Engine Europe Press Release

KUBOTA BUSINESS UNIT ENGINE EUROPE PRESENTS THE EUROPEAN LAUNCH OF “THE 09” LARGE DISPLACEMENT SERIES AT INTERMAT

Kubota, the world-leading primary Power-Source manufacturer of industrial diesel and dual fuel engines, will be presenting its new “09” large displacement series in Europe for the first time at INTERMAT, Paris (23-28 April).

The **new 09 Series** range has been developed in response to market need, and new more stringent emissions standards being established around the globe, in particular within the United States, the EU and Japan to name a few. All industrial Original Equipment Manufacturers (OEMs) are now required to build their machines with emission certified engines and incorporate new control management systems and after treatment devices to the required emission level within the respective sales region and market destination. Kubota has taken measures to comply with the various global certification requirements in order to become the number one choice under 100hp. It has now decided to expand the product line-up to the 200hp class.

Daniel Grant, marketing manager for Kubota Business Unit Engine Europe, commented: “We are extremely excited about the introduction of the **09 series** to Europe and the growth opportunities this will bring. It is designed in every way to be the answer to our customers’ needs in the 200hp category, from high power density and excellent fuel efficiency to ease of maintenance. We are delighted to be exhibiting it at INTERMAT, Paris.”

The **V5009** model will enter series production from 2019. The **09 series** will be further strengthened and enhanced by the introduction of the **V4309** engine variant: a four-cylinder displacement engine with a rated output of 115.7 kW (155.2 HP) and a rated speed of 2200 rpm. It has a maximum torque of 649.6 Nm (479.1 lb-ft), at speeds between 1500 – 1600 rpm. The **V4309** is not on display at INTERMAT.

OUTLINE AND FEATURES OF THE V5009 & V4309 ENGINES



Engine Specifications

Engine model		V5009	V4309
Emission regulation		EPA/CARB Tier4 Final + EU Stage V ready	
Type		Vertical, water cooled 4-cycle diesel engine	
Cylinders		4	
Bore and Stroke	mm (in)	110.0 × 132.0 (4.331 × 5.197)	110.0 × 112.0 (4.331 × 4.409)
Displacement	L (cu.in)	5.018 (306.2)	4.257 (259.8)
Aspiration		Turbocharged + Turbo After Cooler	
Aftertreatment		Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF) + Selective Catalytic Reduction (SCR)	
Rated output / speed *1	kW (HP) / rpm	157.3 (210.9) / 2200	115.7 (155.2) / 2200
Maximum torque / speed *1	Nm (lb-ft) / rpm	883.1 (651.3) / 1500 - 1600	649.6 (479.1) / 1500 - 1600
Combustion system		Direct Injection	
Fuel system		Common rail system	
Length x Width x Height *2 (without ATU)	mm (in)	898 × 656 × 972 (35.4 × 25.8 × 38.3)	898 × 649 × 972 (35.4 × 25.6 × 38.3)
Dry weight *2	kg (lb)	620 (1366)	600 (1323)

Specifications are subject to change without prior notice. * 1: Gross intermittent SAE J1995
 Dimensions and dry weight are according to Kubota's stand * 2: Excluded DPF muffler, SCR muffler, and cooling fan
 Dimensions and weight depend on completed specifications.

For more information on Kubota and its extensive range of engine solutions, visit www.kubota-eu.com or call +44 (0)1844 268000.

Issued on behalf of Kubota by BORKOWSKI PR. For more information and any imagery, please contact Annabel Ward: annabel@borkowski.co.uk +44 (0)20 3176 7745, +44 (0) 7595 396 304