For Earth, For Life
Kubota

DIESEL POWER PACKS

CLEAN ▸ COMPACT ▸ READY TO INSTALL

ADVANCED TECHNOLOGY

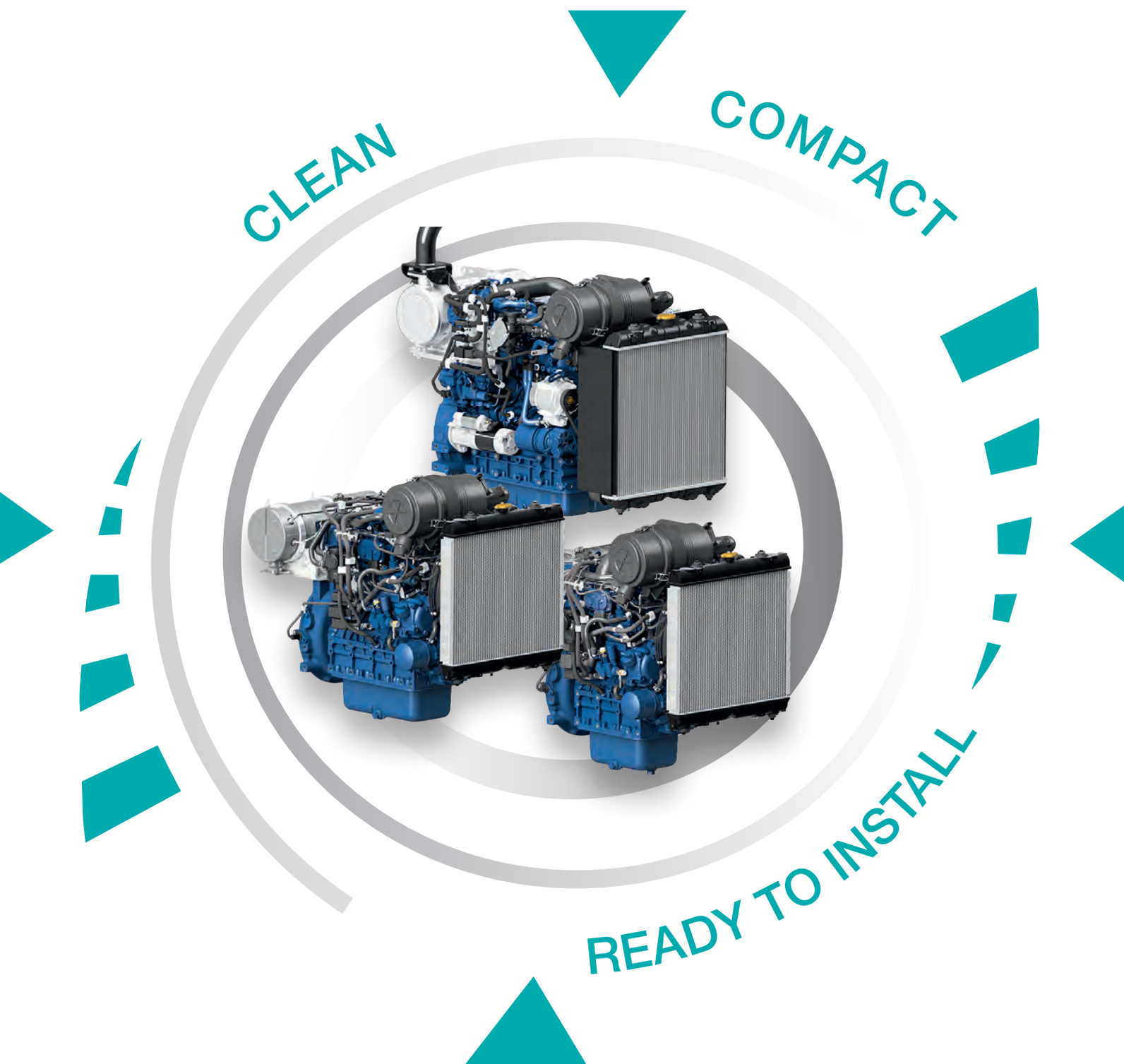
CERTIFIED STAGE V

Kubota, The Answer

CERTIFIED STAGE V

DIESEL POWER PACKS FROM KUBOTA

With its Diesel Power Packs ranging from 28 to 55 kW, Kubota offers innovative and economical pre-assembled packs with common rail technology and cutting-edge exhaust gas treatment according to EU Stage V emission standard. The modular packs are extremely compact, permit high performance and are ideal for installation situations where space is a premium. Increasing efficiency and productivity can be found with the ready to run, ready to work Power Packs from Kubota.



OPTIONAL ACCESSORIES

Diesel Power Pack Standard Engine*	Power kW / rpm	Kits				
		Big Side PTO**	Radiator	Fan	Exhaust Tail Pipe	Wire Harness
D1803-CR-E5B Naturally aspirated	28.0 / 2700	X	X	X		X
D1803-CR-TE5B Turbo charged	37.0 / 2700	X	X	X		X
V2403-CR-E5B Naturally aspirated	37.4 / 2700	X	X	X		X
V2403-CR-TE5B Turbo charged	48.6 / 2700	X	X	X		X
V3307-CR-TE5B Turbo charged	55.4 / 2400		X	X	X	X

* incl. exhaust gas treatment device with DOC and DPF (pre-assembled), air filter, intake hoses
** Gearcase power takeoff position

GENERAL SPECIFICATIONS

Model		D1803-CR-E5B	D1803-CR-TE5B	V2403-CR-E5B	V2403-CR-TE5B	V3307-CR-TE5B
Emission Regulation		EPA Tier 4 / EU Stage V		EPA Tier 4 / EU Stage V		EPA Tier 4 / EU Stage V
Type		Vertical 4-cycle watercooled diesel		Vertical 4-cycle watercooled diesel		Vertical 4-cycle watercooled diesel
Number of Cylinders		3		4		4
Bore	mm	87.0		87.0		94.0
Stroke	mm	102.4		102.4		120.0
Displacement	L	1.826		2.434		3.331
Combustion System		DI		DI		DI
Aspiration		Naturally aspirated	Turbo charged	Naturally aspirated	Turbo charged	Turbo charged
Aftertreatment device		DOC + DPF		DOC + DPF		DOC + DPF
Rated Speed	rpm	2700		2700		2400
Output SAE J1995 Gross Power	kW	28.0	37.0	37.4	48.6	55.4
	hp	37.5	49.6	50.2	65.1	74.3
	PS	38.1	50.3	50.9	66.1	75.3
Direction of Rotation		Counterclockwise viewed on flywheel		Counterclockwise viewed on flywheel		Counterclockwise viewed on flywheel
Oil Pan Capacity	L	7.0		9.5		11.2
Starter Capacity	V-kW	12-2.0		12-2.0		12-3.0
Alternator	V-A	12-70		12-70		12-90
Length	mm	907		1002		1112
Width	mm	548		548		556
Height	mm	861		861		825
Dry Weight	kg	185		233		315

Specification is subject to change without notice | Output: SAE J1995 Gross Power
DOC: Diesel Oxidation Catalyst | DPF: Diesel Particulate Filter | Dimensions and dry weight are according to Kubota's standard specification.

18.10/E001

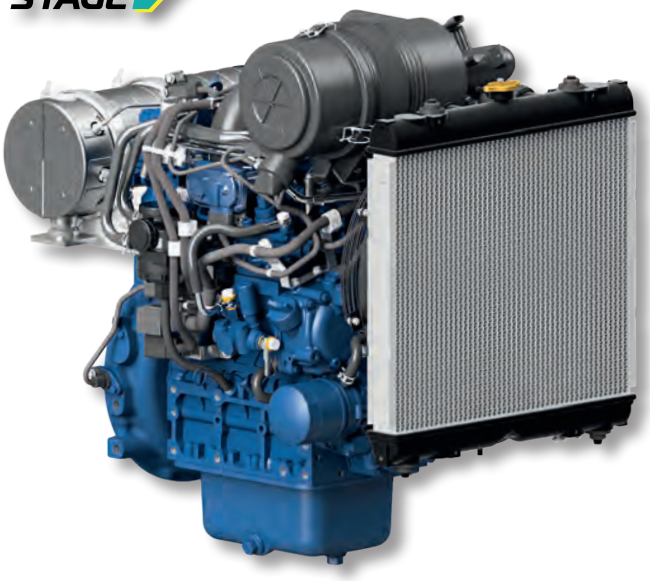
KUBOTA 03 SERIES (3-Cylinder)

D1803-CR-(T)E5B DIESEL POWER PACK

INDUSTRIAL DIESEL ENGINE | **EPA TIER 4 EU STAGE V**

POWER

D1803-CR-T: 37.0 kW / 2700 rpm
D1803-CR: 28.0 kW / 2700 rpm



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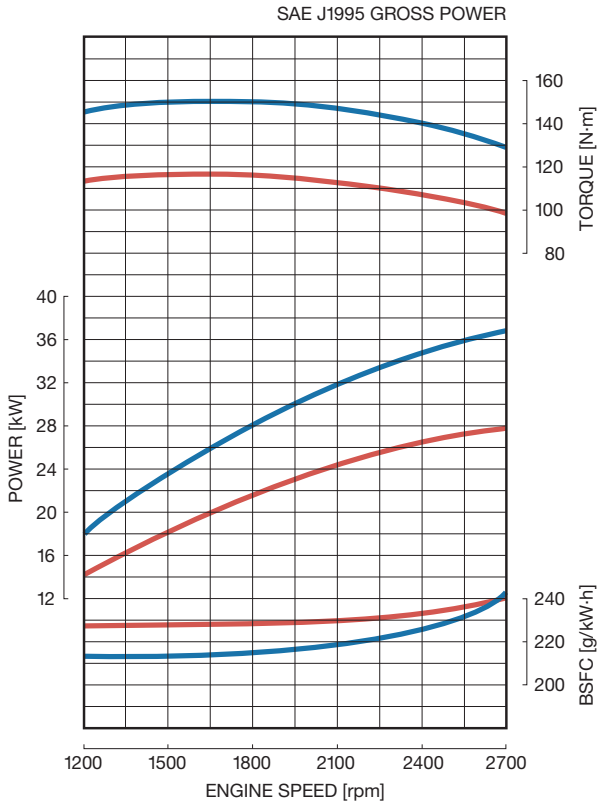

FEATURES AND BENEFITS

Clean

Kubota Power Packs are both economical and low in emissions and impress with their fully-electronic engine management system. Benefiting from an integrated exhaust gas after-treatment system combining the diesel oxidation catalyst (DOC) and diesel particulate filter (DPF), they meet the latest stringent emission standards, EPA/CARB Tier 4 and EU Stage V.

Compact

The easy to install Power Packs take up little space, allowing adequate reserves for the addition of further components. With their easy accessible PTO positions, installation is possible even in the most restricted applications. Without the need of a charge air cooler, the air filter is integrated so that all the components requiring servicing are accessible from one side.

Ready to install

With Power Packs, Kubota offers the customer with a complete power solution which can be easily integrated into many different types of application reducing time-consuming and expensive in-house development. Thanks to the modular accessory system, the ancillary items can be individually configured for the specific requirements, and commissioned without delay.

Kubota Engine Service Network

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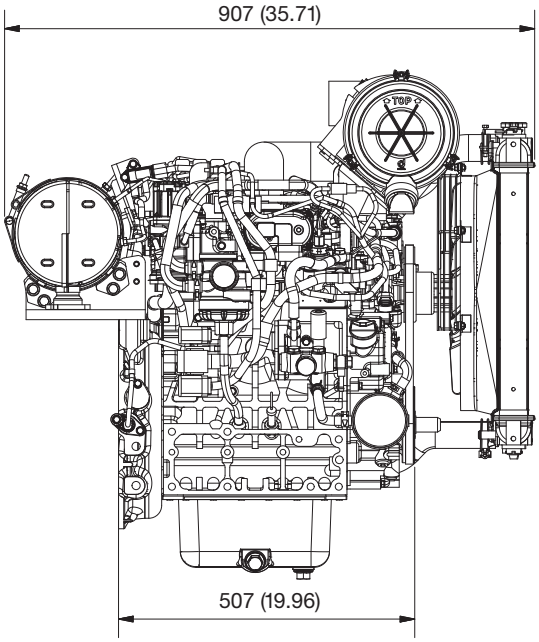
KUBOTA 03 SERIES **D1803-CR-(T)E5B DIESEL POWER PACK**

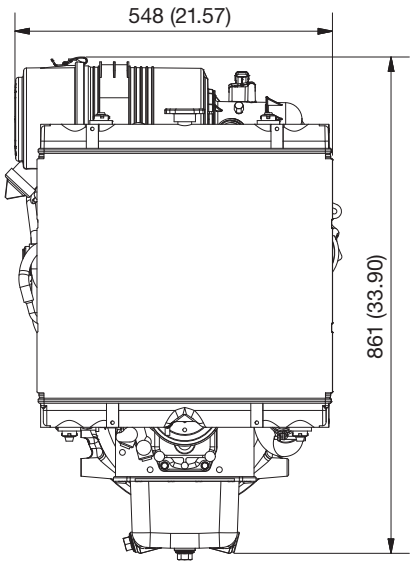
GENERAL SPECIFICATIONS

Model		D1803-CR-TE5B	D1803-CR-E5B
Emission Regulation		EPA Tier 4 / EU Stage V	
Type		Vertical 4-cycle watercooled diesel	
Number of Cylinders		3	
Bore	mm (in)	87.0 (3.43)	
Stroke	mm (in)	102.4 (4.03)	
Displacement	L (cu. in)	1.826 (111.43)	
Combustion System		Direct injection	
Aspiration		Turbo charged	Naturally aspirated
Aftertreatment device		DOC + DPF	
Rated Speed	rpm	2700	
Output SAE J1995 Gross Power	kW	37.0	28.0
	hp	49.6	37.5
	PS	50.3	38.1
Direction of Rotation		Counterclockwise viewed on flywheel	
Oil Pan Capacity	L (gal)	7.0 (1.85)	
Starter Capacity	V-kW	12-2.0	
Alternator	V-A	12-70	
Length	mm (in)	907 (35.71)	
Width	mm (in)	548 (21.57)	
Height	mm (in)	861 (33.90)	
Dry Weight	kg (lb)	185 (408)	

Specification is subject to change without notice | Output: SAE J1995 Gross Power
DOC: Diesel Oxidation Catalyst | DPF: Diesel Particulate Filter
Dimensions and dry weight are according to Kubota's standard specification.

DIMENSIONS





Dimensions and weight depend on completed specifications.

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18.10/E002

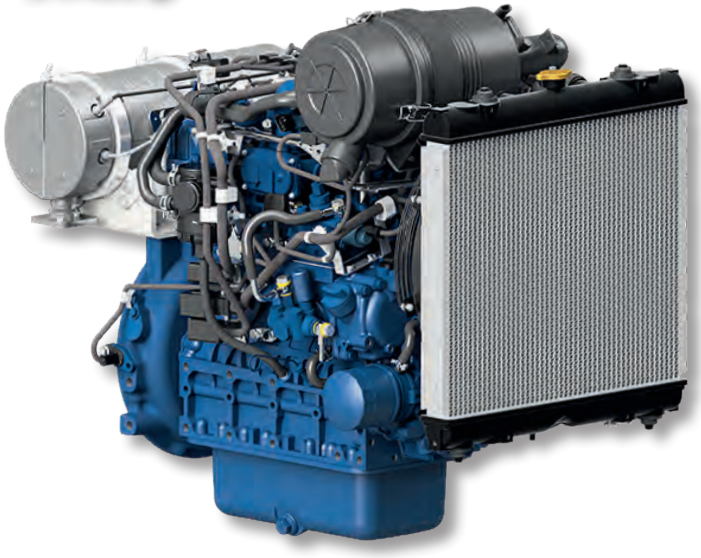
KUBOTA 03 SERIES (4-Cylinder)

V2403-CR-(T)E5B DIESEL POWER PACK

INDUSTRIAL DIESEL ENGINE | **EPA TIER 4 EU STAGE V**

POWER

V2403-CR-T: 48.6 kW / 2700 rpm
V2403-CR: 37.4 kW / 2700 rpm



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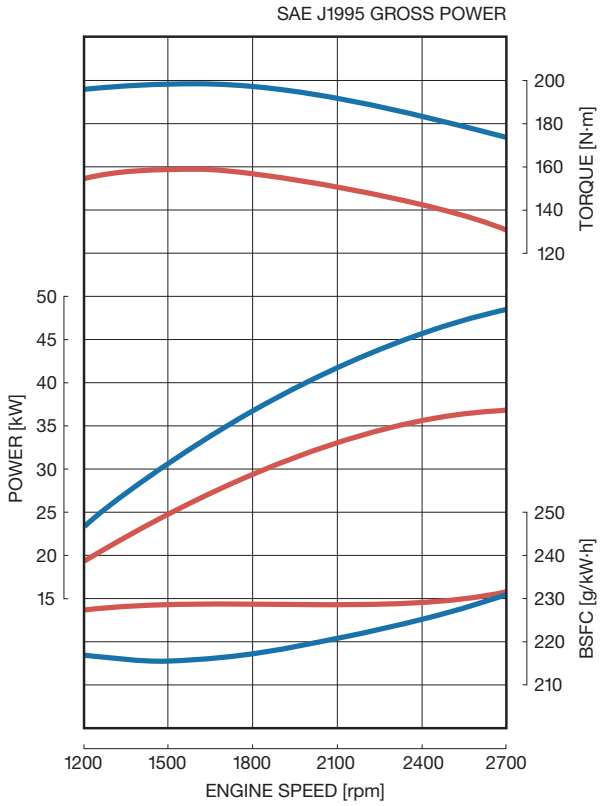

FEATURES AND BENEFITS

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Compact

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Ready to install

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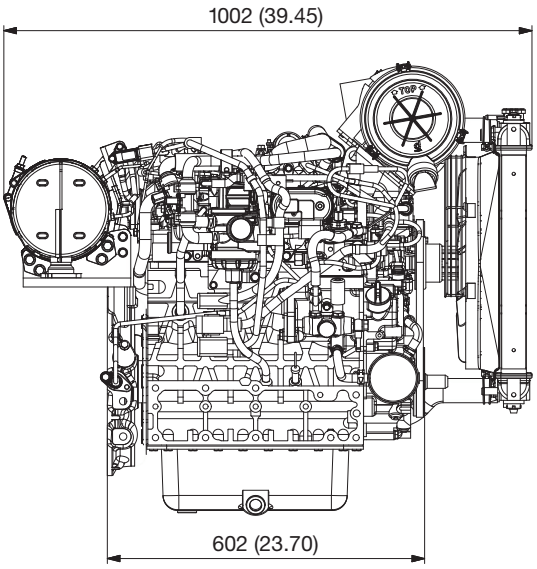
KUBOTA 03 SERIES **V2403-CR-(T)E5B DIESEL POWER PACK**

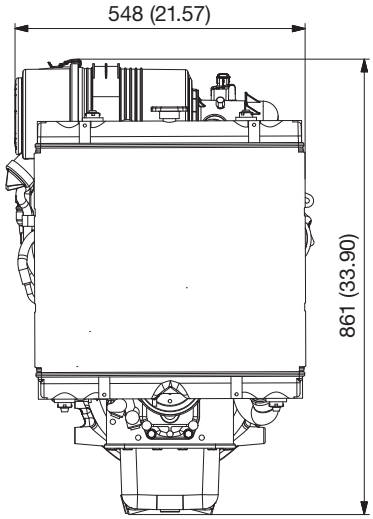
GENERAL SPECIFICATIONS

Model		V2403-CR-TE5B	V2403-CR-E5B
Emission Regulation		EPA Tier 4 / EU Stage V	
Type		Vertical 4-cycle watercooled diesel	
Number of Cylinders		4	
Bore	mm (in)	87.0 (3.43)	
Stroke	mm (in)	102.4 (4.03)	
Displacement	L (cu. in)	2.434 (148.53)	
Combustion System		Direct injection	
Aspiration		Turbo charged	Naturally aspirated
Aftertreatment device		DOC + DPF	
Rated Speed	rpm	2700	
Output SAE J1995 Gross Power	kW	48.6	37.4
	hp	65.1	50.2
	PS	66.1	50.9
Direction of Rotation		Counterclockwise viewed on flywheel	
Oil Pan Capacity	L (gal)	9.5 (2.51)	
Starter Capacity	V-kW	12-2.0	
Alternator	V-A	12-70	
Length	mm (in)	1002 (39.45)	
Width	mm (in)	548 (21.57)	
Height	mm (in)	861 (33.90)	
Dry Weight	kg (lb)	233 (514)	

Specification is subject to change without notice | Output: SAE J1995 Gross Power
DOC: Diesel Oxidation Catalyst | DPF: Diesel Particulate Filter
Dimensions and dry weight are according to Kubota's standard specification.

DIMENSIONS





Dimensions an weight depend on completed specifications.

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18.10/E003

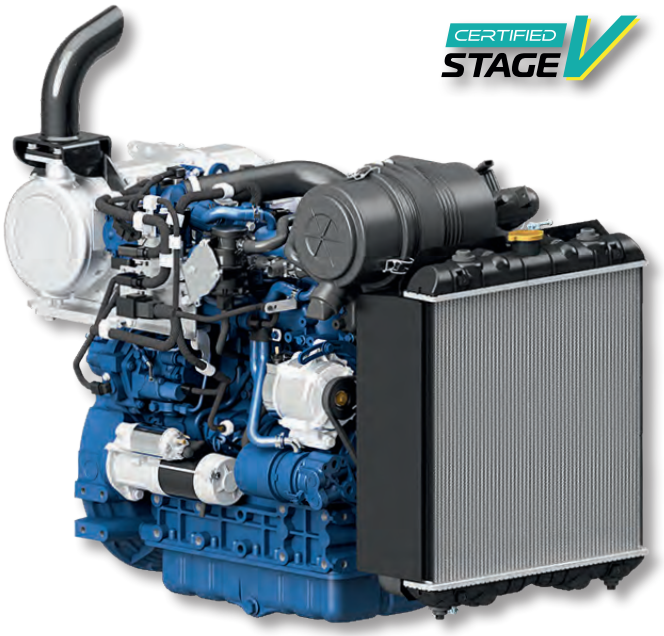
KUBOTA 07 SERIES (4-Cylinder)

V3307-CR-TE5B DIESEL POWER PACK

INDUSTRIAL DIESEL ENGINE | **EPA TIER 4 EU STAGE V**

POWER

55.4 kW / 2400 rpm



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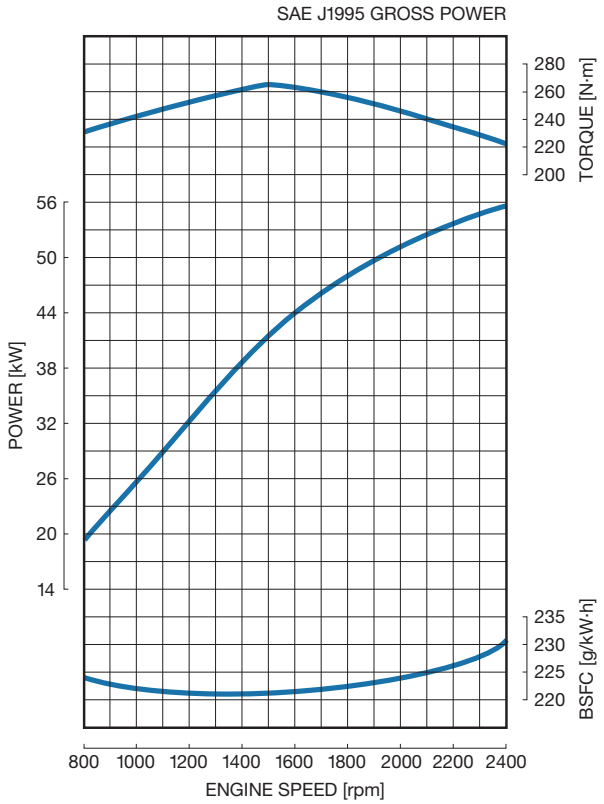

FEATURES AND BENEFITS

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Compact

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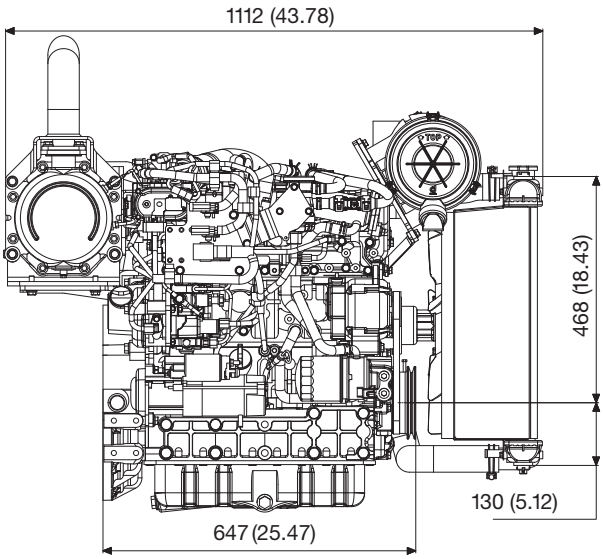
KUBOTA 07 SERIES **V3307-CR-TE5B DIESEL POWER PACK**

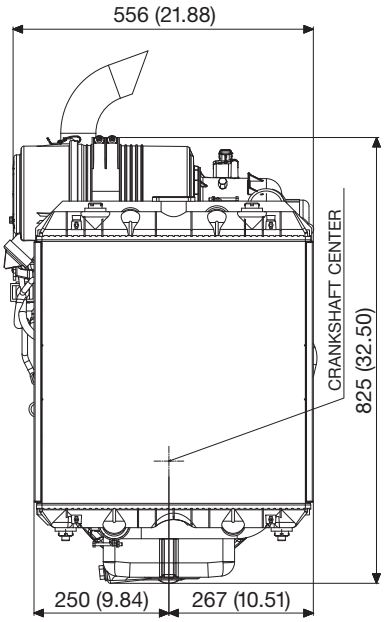
GENERAL SPECIFICATIONS

Model		**V3307-CR-TE5B**
Emission Regulation		EPA Tier 4 / EU Stage V
Type		Vertical 4-cycle watercooled diesel
Number of Cylinders		4
Bore	**mm (in)**	94.0 (3.70)
Stroke	**mm (in)**	120.0 (4.72)
Displacement	**L (cu. in)**	3.331 (203.27)
Combustion System		Direct injection
Aspiration		Turbo charged
Aftertreatment device		DOC + DPF
Rated Speed	**rpm**	2400
Output SAE J1995 Gross Power	**kW**	55.4
	hp	74.3
	PS	75.3
Direction of Rotation		Counterclockwise viewed on flywheel
Oil Pan Capacity	**L (gal)**	11.2 (2.96)
Starter Capacity	**V-kW**	12-3.0
Alternator	**V-A**	12-90
Length	**mm (in)**	1112 (43.78)
Width	**mm (in)**	556 (21.88)
Height	**mm (in)**	825 (32.50)
Dry Weight	**kg (lb)**	315 (695)

Specification is subject to change without notice | Output: SAE J1995 Gross Power
DOC: Diesel Oxidation Catalyst | DPF: Diesel Particulate Filter
Dimensions and dry weight are according to Kubota's standard specification.

DIMENSIONS





Dimensions an weight depend on completed specifications.

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18.10/E003

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18.10 / E001