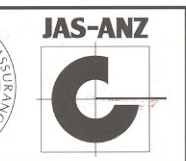


KUBOTA KJ-X SERIES DIESEL ENGINE GENERATORS



Quiet, Heavy-Duty Power Generation
4-Pole/Single & Three Phase Type
Output Range: 12.5kVA ~ 23.0kVA



ISO 9002 Certified KUBOTA ENGINE PLANTS – SAKAI/TSUKUBA/SAKAI-RINKAI–
 Have also received the German DAR certification.

Kubota

Kubota's untiring quest for quality led to the development of a new line of heavy-duty 4-pole generators, the KJ-X Series. The power source is Kubota's own Super 03 Series diesel engines with emission levels far below the set standard according to CARB ULGE regulations. KJ-X Series ensure a much quieter, more efficient, and much longer service life anywhere you need fast, safe and economical electrical power. Every generator in this series is designed, assembled, and tested to guarantee maximum performance and compatibility. Kubota production plants have been approved and awarded **ISO 9002 certification by Lloyd's Register Quality Assurance (LRQA)**. When the label reads Kubota, quality is assured.



KJ-S130VX (12.5kVA)

Dependable Power

Brushless Alternator

This brushless, self-exciting type alternator is designed to be used in producing high-quality electricity. Its electronic regulator is powered independently from the voltage detection circuit, therefore, regulation is not affected by distortions by the load.

Transistor Automatic Voltage Regulator (AVR)

All KJ-X Series generators are equipped with a transistor AVR to regulate a stable flow of current. In addition, any local condition can be matched by using the voltage adjustment.

Reduced Sound and Vibration

Kubota's low noise design features quieter engines with the TVCS combustion system, as well as sound attenuated enclosures which effectively reduce all sound levels. Integral vibrations has also been reduced by adding rubber isolating pads in critical areas.

Model	Sound level during Rated Output (at 7m) [dB(A)]
KJ-S130VX	75
KJ-S170FX	76
KJ-T130DX	73
KJ-T180VX	75
KJ-T230FX	76

Increased Safety

Automatic Shutdown Mechanism

Should any abnormality occur in oil pressure or water temperature, this mechanism automatically stops the engine before it can be damaged.

Emergency Unit

Kubota gathered the emergency relay, timer relay, and safety relay into one unit to save space, simplify the wiring scheme, and to improve protection against water, dust, and vibration. An external key switch is part of the standard control system for KJ-X generators. In addition, a manual engine shutdown lever is available as an emergency backup.

Protective Design

All rotating parts of the generator have been enclosed in a sturdy cabinet for maximum operator safety.

Ease of Operation & Portability

Convenient Front Panel Control

All switches and lamps are conveniently located in the center of the front panel for maximum accessibility.

Transportability Enhanced by Twin Point Lifting Eye

Twin point lifting eye made it easy to transport all KJ-X Series generators.

Simple Maintenance

Ease of Access

Oil, fuel, water, and filters are all located on one side for easy maintenance.



Automatic Air Bleeding

Air bubbles which can rob the engine of its power are automatically removed from the fuel line.

Easy-to-Mount & Remove Battery Pack

The battery pack, located in the rear of the generator, can be easily removed through the back panel.



Kubota Made. Quality Assured.



KJ-S170FX (17.0kVA)

KJ-T130DX (12.5kVA)

KJ-T180VX (18.0kVA)

KJ-T230FX (23.0kVA)

Cleaner, Quieter, and More Reliable Super 03 Series Diesel Engines

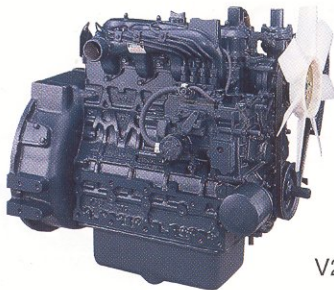
● Kubota's original TVCS combustion system improved air/fuel mixture, resulting in cleaner engine emissions which comply with US CARB ULGE regulations.

● Sound levels during load and no-load operations are kept to a minimum with Kubota's world renown diesel engine development technology and the superb TVCS combustion system.

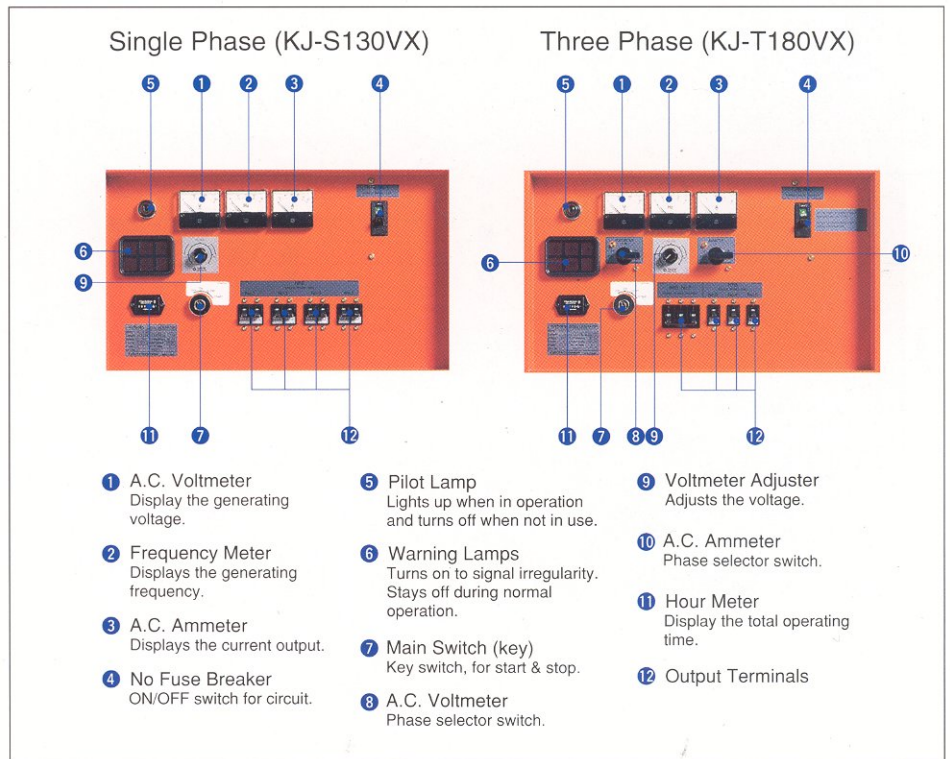
● Super glow system comes as standard equipment to shorten preheating time and quicken engine start ups in cold temperature.

● Sturdy built Super 03 Series engines promise great reliability and long service life with advantages to meet most any application.

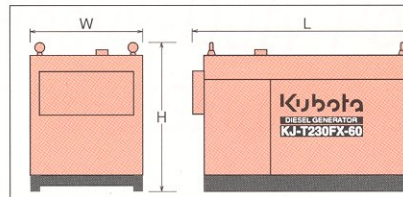
● In addition, the Super 03 Series is also designed against asbestos pollution.



V2203



Weights & Dimensions



Model	KJ-S130VX	KJ-S170FX	KJ-S130DX	KJ-S180VX	KJ-T230FX
Length mm	1518	1643	1423	1518	1643
Width mm	650	740	650	650	740
Height mm	971	996	971	971	996
Total Dry Weight kg	505	630	470	505	600

Specifications

Model		KJ-S130VX	KJ-S170FX	KJ-T130DX	KJ-T180VX	KJ-T230FX	
Generator	Type	Revolving field, self-generating brushless AC generator		Revolving field, self-generating brushless AC generator			
	Frequency	50		50			
	Rated output	kVA	12.5	17.0	12.5	18.0	23.0
		kW	12.5	17.0	10.0	14.4	18.4
	No. of phases	1		3			
	Voltage (AC)	240		240 / 415	240 / 415		
	Current	52.1		70.8	17.4		
	Power factor	100		80			
	No. of poles	4		4			
	Rating	Continuous		Continuous			
Insulation class	H		H				
Drive	Direct drive		Direct drive				
Engine	Type	Vertical, water-cooled, 4-cycle diesel engine		Vertical, water-cooled, 4-cycle diesel engine			
	Model	V2203	F2803	D1703	V2203	F2803	
	No. of cylinders	4	5	3	4	5	
	Bore × stroke	87 × 92.4		87 × 92.4			
	Total displacement	2197	2746	1647	2197	2746	
	Revolutions per minute	1500		1500			
	Continuous rated output	16.9(23.0)	21.1(28.7)	12.6(17.2)	16.9(23.0)	21.1(28.7)	
	Lubricating oil	API service class CC or CD 10W30		API service class CC or CD 10W30			
	Oil capacity	8.7	10.5	6.3	8.7	10.5	
	Coolant capacity	7.9	9.4	6.9	7.9	9.4	
Set	Fuel	DIESEL No.2 (ASTM D975)		DIESEL No.2 (ASTM D975)			
	Fuel tank capacity	37	60	37	37	60	
	Fuel consumption (at Rated output)	5.2ℓ/h	6.5ℓ/h	3.9ℓ/h	5.2ℓ/h	6.5ℓ/h	
	Starting method	Electric		Electric			
	Battery capacity	70		70		80	
	Dimension	Length	1518	1643	1423	1518	1643
		Width	650	740	650	650	740
		Height	971	996	971	971	996
	Total dry weight	505	615	455	510	620	
	Sound level during Rated output (at 7m) [dB(A)]	75	76	73	75	76	
Emergency Stop Mechanism	In case of abnormal oil pressure or water temperature						
Security measures	Door, fuel cap, control protection panel and radiator cap are lockable		Door, fuel cap, control protection panel and radiator cap are lockable				
Control Panel	1)A.C. Voltmeter	●	●	●	●	●	
	2)Frequency Meter	●	●	●	●	●	
	3)A.C. Ammeter	●	●	●	●	●	
	4)No Fuse Breaker	●	●	●	●	●	
	5)Pilot Lamp	●	●	●	●	●	
	6)Warning Lamp	●	●	●	●	●	
	7)Main Switch	●	●	●	●	●	
	8)A.C. Voltmeter Phase Selector Switch	—	—	●	●	●	
	9)Voltmeter Adjuster	●	●	●	●	●	
	10)A.C. Ammeter Phase Selector Switch	—	—	●	●	●	
	11)Hour Meter	●	●	●	●	●	
	12)IP56 Socket Outlets	—	—	●	●	●	
a)500V 3-Phase(32Amp)5-PIN CLIPSALE Cat.No.56S0532-RO	—	—	●	●	●		
b)250V Single Phase(15Amp)3-PIN Flat CLIPSALE Cat.No.56S0315-RO	●●●●	●●●●	●●●	●●●	●●●		

*Specifications are subject to change without notice.



KUBOTA Tractor Australia Pty Ltd

100 Keilor Park Drive, Tullamarine Vic. 3043
 Freecall: 1800 334 653 Email: sales@kubota.com.au
<http://www.kubota.com.au>

