



JCB RENTAL SERIES | G40RS V

Power Output (PRP): 40kVA/32kW Emission Level: EU Stage V



Don't be gentle, it's a JCB rental.

The JCB Rental Series has been designed and manufactured to give fantastic build quality using advanced technology and industry-leading components, complemented by world-class customer support. Customers anywhere in the world can choose them and expect complete peace of mind, no matter how tough the job site or application.

IT'S CLEANER.

With Particulate Matter (PM) reductions of over 95%, the JCB G40RS V brings the latest in emissions control technology without any loss in flexibility or performance.



IT'S TOUGH.

A durable Galvtech canopy with powder coat finish protects the generator from the elements, while a heavy duty baseframe protects against impact damage.



IT'S RELIABLE.

By selecting the right components and submitting them to an exhaustive 18 month testing programme, we ensure our products are right first time, every time.



IT'S EASY.

Easy to transport. Easy to deploy. Easy to operate. Fixed single point lift, integrated fork pockets and externally accessible socket connections, combine to make it easy.



IT'S EFFICIENT.

Minimising downtime is key to achieving ultimate productivity, which is why the Rental Series is designed to keep servicing and maintenance to a minimum.

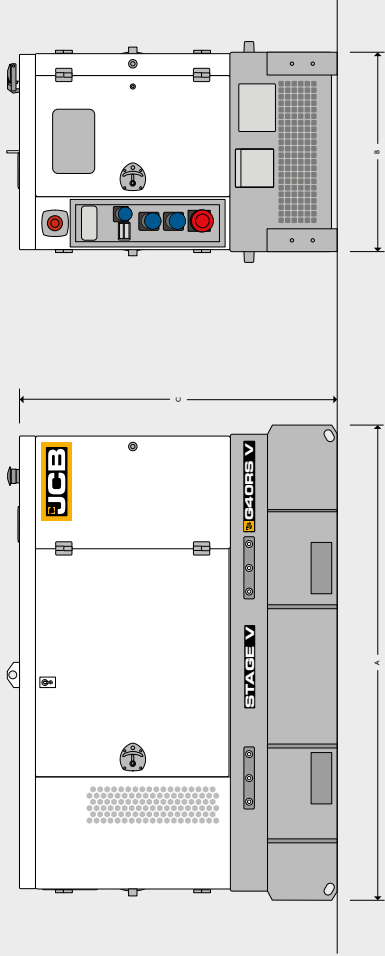


JCB RENTAL SERIES G40RS V

SPECIFICATION

JCB RENTAL SERIES G40RS V

WEIGHT AND DIMENSIONS



Machine model		G40RS V	
A	Length	mm	2265
B	Width	mm	1650
C	Height	mm	1574
Shipping Volume (sea ready)		m ³	3.74
Weight*		kg	1400
*Standard build with all fluids except fuel			

ELECTRICAL

Machine model		G40RS V			
		Prime		Standby	
Frequency (Hz)	Phases	Voltage (V)	kVA	kW	Rated Speed (RPM)
50	3	400/230V	40	32	1500

RATINGS

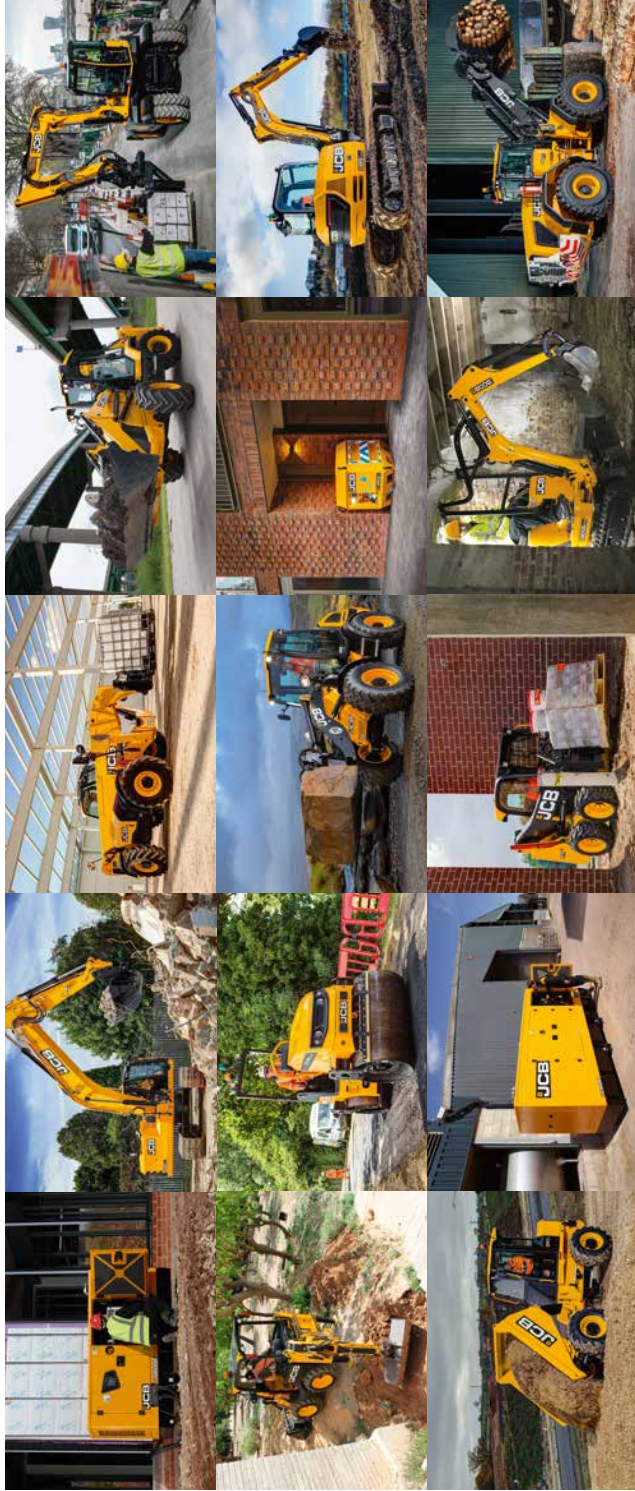
Prime: This rating is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

Standby: Standby Power (ESP) is the maximum output available, for up to 500 hours per year, where the average load (variable) does not exceed 70% of the standby power rating. No overload is available.

Stage V models are only emission compliant at 50Hz Prime Power.

SPECIFICATION		JCB RENTAL SERIES G40RS V	
ENGINE	Machine model	G40RS V	E092-254C
	Net Output Rating (PRP)	kW	
	Net Output Rating (Standby)	kW	
	Manufacturer and Model	JCB by Kohler KD12504 TCR	
	Engine Speed	1500 RPM	
	Fuel	Diesel	
	Injection	Direct	
	Aspiration	Turbo Charged	
	Cylinders	4	
	Bore and Stroke	88 x 102	
	Displacement	L	
	Cooling	Water	
	Engine Oil Specification	API C4 - ACEA E9/E7/E6	
	Compression Ratio	17.4:1	
	Engine Oil Capacity	L	
EXHAUST SYSTEM	Coolant Capacity	L	G40RS V
	Governor	Electronic	
	Air Filter	Paper Element	
	Engine Oil Consumption	100% Load	
	Exhaust Emission Aftertreatment	DOC / DPF	
	Emission Standard	STAGE V	
	Machine model	G40RS V	
	Maximum Temperature 100% Standby	°C	
	Maximum Temperature - Regeneration	°C	
	Exhaust Gas Flow 100% Standby	m³/min	
	Maximum Allowed Back Pressure	kPa	
	Exhaust Discharge Size	mm	
	Machine model	G40RS V	
	Maximum Temperature 100% Standby	°C	
	Maximum Temperature - Regeneration	°C	
	Exhaust Gas Flow 100% Standby	m³/min	
AIR SYSTEM	Maximum Allowed Back Pressure	kPa	G40RS V
	Exhaust Discharge Size	mm	
	Machine model	G40RS V	
	Intake Air Flow 100% Standby	m³/h	
	Radiator Cooling Airflow	m³/s	
	Machine model	G40RS V	
	LpA (7m)	dB(A)	
	Machine model	G40RS V	
	Intake Air Flow 100% Standby	m³/h	
	Radiator Cooling Airflow	m³/s	
	Machine model	G40RS V	
	LpA (7m)	dB(A)	
	Machine model	G40RS V	
	Intake Air Flow 100% Standby	m³/h	
	Radiator Cooling Airflow	m³/s	
	Machine model	G40RS V	
FUEL SYSTEM	Machine model	G40RS V	E092-254C
	100% Load Prime	L/h	
	75% Load Prime	L/h	
	50% Load Prime	L/h	
	100% Load Standby	L/h	
	Machine model	G40RS V	
	100% Load Prime	L/h	
	75% Load Prime	L/h	
	50% Load Prime	L/h	
	100% Load Standby	L/h	
	Machine model	G40RS V	
	100% Load Prime	L/h	
	75% Load Prime	L/h	
	50% Load Prime	L/h	
	100% Load Standby	L/h	
	Machine model	G40RS V	
STARTING SYSTEM	Machine model	G40RS V	E092-254C
	Battery Capacity	Ah	
	Number of Batteries	1	
	Auxiliary Voltage	V	
	Battery Type	Sealed Lead Acid	
	Machine model	G40RS V	
	Battery Capacity	Ah	
	Number of Batteries	1	
	Auxiliary Voltage	V	
	Battery Type	Sealed Lead Acid	
	Machine model	G40RS V	
	Battery Capacity	Ah	
	Number of Batteries	1	
	Auxiliary Voltage	V	
	Battery Type	Sealed Lead Acid	

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ELECTRICAL FEATURES				
Machine model			G40RS V	
AVR DSR			•	
Winding Protection Total	+		•	
MAUX			•	
4 Pole Moulded Case Circuit Breaker			•	
Earth Leakage Protection			+	
Preparation for Earth Spike			•	
External Emergency Stop Button			•	
Socket Panel (1 x 63A - 3ph, 1 x 32A - 3ph, 1 x 16A - 1ph)			+	
Bund Alarm / Shut down			•	
Battery Isolator			•	
Battery Charger			+	
CANOPY				
Machine model			G40RS V	
Lockable Maintenance Access Doors			•	
Door Stays			•	
Forklift Protection Bumpers			•	
Control Panel Viewing Window			•	
Integral Fork Pockets			•	
Single Lift Point			•	
Bundled Fuel Tank			•	
4 Point Tie Down			•	
High Density Fire Retardant Foam			•	
JCB Yellow Paint			+	
White Paint (RAL 9001)			•	
Heavy Duty Rental Base			•	
Galvnech Steel Canopy			•	
STANDARD	•			
NOT AVAILABLE	○			
OPTIONAL	+			
MECHANICAL FEATURES				
Machine model			G40RS V	
Cooling Pack			•	
Air Filter			•	
Electronic Governor			•	
Low Oil Pressure Switch			•	
Coolant Temperature Sender			•	
Oil Temperature Sender			•	
Radiator Guards			•	
Hot Component Guards			•	
Manual Oil Drain Pump			+	
Water Jacket Heater			•	
Pre-Filter with Separator			•	
Racor Water/Fuel Separator			+	
Fuel Level Sender			•	
Internal Fuel Fill			•	
3 Way Fuel Valve			•	
Residential Silencer			•	
JCB COMMUNICATION AND CONTROL				
Machine model			G40RS V	
DSE 7310			•	
DSE 8610 Synchronising Controller			•	
JCB LiveLink			+	
STANDARD	•			
NOT AVAILABLE	○			
OPTIONAL	+			
REFERENCE STANDARDS				
JCB Generators are CE certified and conform to the following Directives (subject to a country requiring such standard):				
			• EN 12100, EN13857, EN60204	
			• 2006/42/CE Machinery safety	
			• 2006/95/EC Low voltage	
			• 2004/108/CE Electromagnetic compatibility	
			• 2000/14/EC Sound Power Level (amended by 2005/88/EC)	
			• 97/68/EC Emissions (amended by 2002/88/EC & 2004/26/EC)	
			• Power according to ISO 8528 and ISO 3046	
			• Ambient reference conditions 1000mbar, 25°C, 30% relative humidity / ISO3046	
			Information based on standard specification equipment unless otherwise stated.	



ONE COMPANY, OVER 300 MACHINES.

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Download the very latest information on this product range at: www.jcb.com

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Your nearest JCB dealer

29238 en-CB 04/21 Issue 1 (Stage V)

