

MAX. PAYLOAD: 3600kg (7937lb) MAX. LIFT HEIGHT: 6.2m (20ft 4in)

LOADALL AGRI/AGRI PLUS/AGRI SUPER | 536-60

STATIC DIMENSIONS

Machine model	536-60
	m (ft-in)
A Overall height	2.49 (8-2)
B Overall width (over tyres)*	2.29 (7-6)
C Insidewidth of cab	0.94 (3-1)
D Front track	1.81 (5-11)
E Wheelbase	2.75 (9-0)
F Overall length to front tyres	4.03 (13-3)
G Overall length to front carriage	4.55 (14-11)

*Dependant upon tyre specified.

Machine model	536-60
	m (ft-in)
H Ground clearance	0.40 (1-4)
Outside turn radius (over tyres)	3.7 (12-2)
Carrier roll back angle	degrees 42.6
Carrier dump angle	degrees 42.5
Weight	kg (lb) 7200 (15875)
Tyres	460/70 R24

Note: Machines shown with optional roof mount and air conditioning fitted on Agri Plus and Agri Super

BRAKES

Service brakes: Hydraulically activated, self-adjusting, oil-immersed in-board multi-disc type on front axle.
Parking brake: Hand operated disc brake on output of gearbox (97kW/130hp – oil immersed disc type).

LIFT PERFORMANCE – 536-60

Machine Model	536-60
Maximum lift capacity	kg (lb) 3600 (7937)
Lift capacity to full height	kg (lb) 3600 (7937)
Lift capacity at full reach	kg (lb) 1500 (3307)
Lift height	m (ft-in) 6.20 (20-4)
Reach at maximum lift height	m (ft-in) 0.87 (2-10)
Maximum forward reach	m (ft-in) 3.30 (10-10)
Reach with 1 tonne load	m (ft-in) 3.30 (10-10)
Placing height	m (ft-in) 5.42 (17-10)

Complies with stability test EN 1459 Annex B.

ENGINE

Latest technology and advanced design provides low fuel consumption, reduced noise, high torque and power output, total reliability and minimal maintenance. Two-stage, dry type air filter with primary and safety elements. Territory dependent.

	Stage II	Stage III	Stage III
Model	Agri	Agri	Agri Plus/Super
Manufacturer	JCB	JCB	JCB
Displacement	ltr (in ³) 4.4 (269)	4.4 (269)	4.4 (269)
No. of cylinders	4	4	4
Bore size	mm (in) 103 (4.05)	103 (4.05)	103 (4.05)
Stroke	mm (in) 132 (5)	132 (5)	132 (5)
Aspiration	Turbo	Turbocharged cooled	Turbocharged cooled
Power rating			
Power @ 2200rpm	kW (HP) 74.2 (100)	74.2 (100)	97 (130)
Torque rating			
Torque @ 1300rpm	Nm (lbf ft) 425 (313)	440 (324)	–
Torque @ 1500rpm	Nm (lbf ft) –	–	532 (392)

TRANSMISSION

Agri / Agri Plus: JCB powershift transmission incorporating torque converter, bevel box and a 4 speed powershift gearbox in one resiliently mounted unit. A combined steering column mounted switch incorporating directional control and 4 forward and 4 reverse powershift gears. Travels speed 33kph (20mph). **Permanent 4 wheel drive.**

Agri Super: JCB 6 speed transmission incorporating torque converter, bevel box and 6 speed powershift gearbox with Torque Lock in 5th and 6th gear in one resiliently mounted unit. 3 operating modes: Eco, Power and Field. Travels speed 40kph (25mph). Transmission kickdown. **Electrical 2/4 wheel drive select.**

A combined steering column mounted switch incorporating directional control and 6 forward and 4 reverse powershift gears with auto-selection between 4th and 6th gear in Eco and 3rd – 6th gear in Power mode.

Front and rear drive axles: JCB epicyclic hub reduction drive/teer axles with Max-Trac torque proportioning differentials.

BOOM AND CARRIAGE

Boom is manufactured from high tensile steel.
 Low maintenance, hard wearing pads.
 JC B Q-fit self-levelling carriage with lever operated pin locking accepts pallet forks and a wider range of attachments.
 One boom end auxiliary hydraulic service fitted as standard.

SAFETY CHECK VALVES

Fitted to carriage tilt, telescopic and boom lift rams.

SERVICE CAPACITIES

Fuel tank	litres (UK gal)	146 (32.1)
Hydraulic tank	litres (UK gal)	85 (18.7)
Coolant	litres (UK gal)	23 (5.1)

HYDRAULICS

		Agri	AgriPlus/Agri Super
Operating system pressure	bar (PSI)	260 (3770)	260 (3770)
Main hydraulics	ltrs/min	140	140
Pump		Variable	Variable
Loader controls		Cab mounted single lever joystick – Electric servo control of lift & lower/crowd & dump – Proportional extend/retract/aux	Cab mounted single lever joystick – Electric servo control of lift & lower/crowd & dump – Proportional extend/retract/aux
Hydraulic cycle times		seconds	seconds
Lift		6.5	6.2
Lower		5.0	5.0
Extend		5.5	5.5
Retract		4.5	4.5
Bucket dump		3.2	2.8
Bucket crowd		2.5	2.2

ELECTRICS

12 v negative earth. 95 AH battery. 95 amp alternator. Full road lighting. Reversing light. Direction indicators. Hazard warning. Reverse alarm.

DELUXE CAB

Quiet, safe and comfortable cab conforms to ROPS ISO 3471 and FOPS ISO 3449. Tinted glass all round with laminated front and roof screen. Roof bars, front, rear and roof screen wash/wipe and heater/screen demister. Opening rear window. Audio-visual warnings system for coolant temperature, water in fuel, engine oil pressure, air cleaner, battery charge, transmission oil temperature and pressure. Hourmeter and road speed indicator, engine temperature, fuel gauge and clock. Adjustable steer column with stalk bar power shift change and forward reverse shuttle. Throttle and brake pedal floor mounted. Adjustable deluxe suspension seat with adjacent park brake. Automatic eye level audio-visual load moment indicator warnings system receiving signal from a load sensor on the rear axle. This system continuously monitors the machine's forward stability and leaves the operator in control at all times.

Hydraulic controls:

Agri/Plus/Super: Cab mounted single lever servo joystick incorporating forward/neutral/reverse, transmission disconnect, with progressive extend/tract and auxiliary incorporating constant flow facility

STEERING

Hydrostatic power steering with power track rods on both axles.

Three steer mode options: front wheel steer; all wheel steer; crab steer: operated from in the cab by a selection switch, with automatic alignment.

OPTIONS AND ACCESSORIES

Options: Front and rear working lights, rotating flashing beacon, fire extinguisher, radial industrial tyres, electrical 2/4WD select, limited slip differential in front axle, windscreen and roof guard, air suspension seat, roof and front screen blind, radio kit, air conditioning, reversing fan, 2 speed and intermittent front wash/wipe, smooth ride system, towing facility with trailer lighting package, carriage options available – contact your local dealer

Attachments: Contact your local dealer for details of the comprehensive range.

*Adaptive Load Control for EU territories conforms to EN15000.