

MAX. PAYLOAD: 3600kg (7937lb) MAX. LIFT HEIGHT: 7.0m (23ft)

**STATIC DIMENSIONS**

Machine model	536-70
	m (ft-in)
A Overall height	2.49 (8-2)
B Overall width (over tyres)*	2.29 (7-6)
C Inside width 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	4.38 (14-4)
G Overall length to front carriage	4.99 (16-4)

\*Dependant upon tyre specified.

**LIFT PERFORMANCE – 536-70**

Machine Model		536-70
Maximum lift capacity	kg (lb)	3600 (7937)
Lift capacity to full height	kg (lb)	2500 (5511)
Lift capacity at full reach	kg (lb)	1350 (2976)
Lift height	m (ft-in)	7.0 (23-0)
Reach at maximum lift height	m (ft-in)	0.48 (1-7)
Maximum forward reach	m (ft-in)	3.7 (12-2)
Reach with 1 tonne load	m (ft-in)	3.7 (12-2)
Placing height	m (ft-in)	6.3 (20-8)

Complies with stability test EN 1459 Annex B.

**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. Travel speed 33kph (20mph). Permanent 4 wheel drive.

Agri Super / Agri Xtra: JCB 6 speed transmission incorporating torque converter, bevel box and 6 speed powershift gearbox with TorqueLock in 5th and 6th gear in one resiliently mounted unit. 3 operating modes: Eco, Power and Field. Travel speed 40kph (25mph). Transmission kick down. 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/steer axles with Max-Trac torque proportioning differentials.

**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).

Machine model		536-70
		m (ft-in)
H Ground clearance		0.40 (1-4)
Outside turn radius (over tyres)		3.7 (12-2)
Carriage rollback angle	degrees	42.6
Carriage dump angle	degrees	37.5
Weight	kg (lb)	7800 (17196)
Tyres		445/70 R24

Note: Machine shown with optional roof mounted air conditioning fitted on Agri Plus, Agri Super and Agri Xtra.

**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/Xtra
Manufacturer		JCB	JCB	JCB
Displacement	ltr (in <sup>3</sup> )	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)

## BOOM AND CARRIAGE

Boom is manufactured from high tensile steel.  
 Low maintenance, hard wearing pads.  
 JCB Q-fit self-levelling carriage with lever operated pin locking accepts pallet forks and a wide 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)	148 (32.5)
Hydraulic tank	litres (UK gal)	113 (24.8)
Coolant	litres (UK gal)	23 (5.1)

## HYDRAULICS

	Agri	AgriPlus/Agri Super	Agri Xtra
Operating system pressure	bar (PSI)	260 (3770)	260 (3770)
Main hydraulics	ltrs/min	140	140
Pump	Variable	Variable	Variable
Loader controls	Cab mounted single lever joystick – Electric servo control of lift & lower/crowd & dump – extend/retract/aux	Cab mounted single lever joystick – Electric servo control of lift & lower/crowd & dump – extend/retract/aux	Seat mounted single lever joystick – Electric servo control of lift & lower/crowd & dump – extend/retract/aux
Hydraulic cycle times	seconds	seconds	seconds
Lift	6	5.8	4.8
Lower	7.4	6.6	4.0
Extend	7.7	5.7	5.7
Retract	5.4	5.3	3.2
Bucket dump	3.2	3.2	2.6
Bucket crowd	2.6	2.6	2.6

## 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 warning 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 powershift 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 warning system receiving a 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/Supercab mounted single lever servo joystick, incorporating forward/neutral/reverse, transmission disconnect, with progressive extend/retract and auxiliary incorporating constant flow facility.

Agri Xtra: Seat mounted single lever servo joystick incorporating forward/neutral/reverse, transmission disconnect, with progressive extend/retract 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, high flow auxiliary, smoothride 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.