

525-60 AGRI PLUS TELEHANDLER

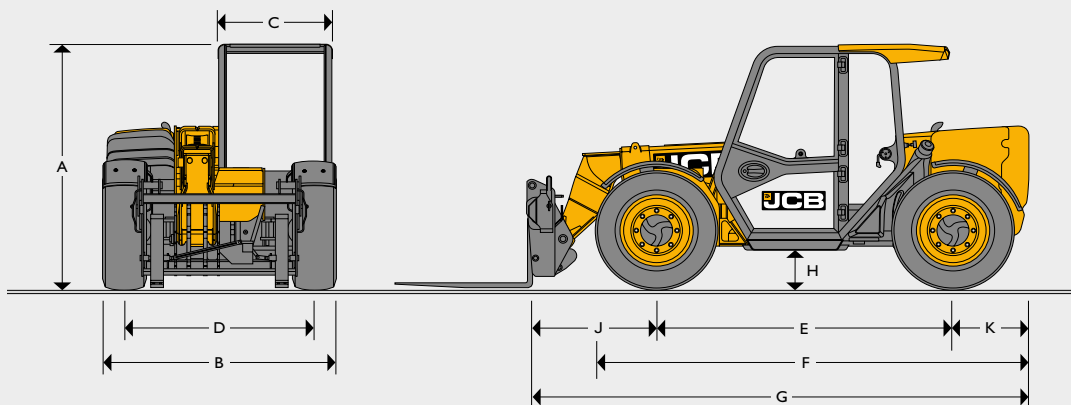
2.5T DIESEL 6.0M TELEHANDLER



SPECIFICATION

AGRI LOADALL 525-60 AGRI/AGRI PLUS

STATIC DIMENSIONS



			525-60 Agri	525-60 Agri Plus
A	Overall height	m	1.97	1.97
B	Overall width (over tyres)	m	1.84	1.84
C	Inside width of cab	m	0.88	0.88
D	Front track	m	1.52	1.52
E	Wheelbase	m	2.39	2.39
F	Overall length to front tyres	m	3.48	3.48
G	Overall length to front carriage	m	4	4
H	Ground clearance	m	0.33	0.33
J	Front wheel centre to carriage	m	1.02	1.02
K	Rear wheel centre to rear face	m	0.6	0.6
	Outside turn radius (over tyres) 4WS	m	3.4	3.4
	Carriage roll back angle	degrees	11	11
	Carriage dump angle	degrees	114	114
	Weight	kg	5300	5580
	Tyres	industrial traction	12.5/80x18	12.5/80x18

LIFT PERFORMANCE

Maximum lift capacity
Lift capacity to full height
Lift capacity at full reach
Lift height
Reach at maximum lift height
Maximum forward reach
Reach with 1.2 tonne load
Complies with stability

ENGINE

Latest Tier 4 Final engine
total reliability and performance

Manufacturer

Displacement

No. of cylinders

Bore size

Stroke

Aspiration

Power rating

Power @ 2200rpm

Torque rating

Torque @ 1500rpm

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HYDRAULICS

		525-60 Agri	525-60 Agri Plus
Operating system pressure	bar	235	260
Flow at system pressure @ 2200rpm	ltr/min	80	90
Hydraulic cycle times		Seconds	
Boom raise		7.6	5.7
Boom lower		5.3	5.5
Boom extend		7.5	5.5
Retract		3.7	3.3
Bucket dump		1.9	1.9
Bucket crowd		2.9	2.2

TRANSMISSION

Closed loop variable displacement pump with a continuously variable hydrostatic drive. Comprising of a hydraulic motor and control unit. Permanent 4 wheel drive.

		525-60 Agri		525-60 Agri Plus	
		Forward	Reverse	Forward	Reverse
Low range	kph	12	12	12	12
Hi-range	kph	25	25	30	30

ELECTRICS

		525-60 Agri/525-60 Agri Plus
System voltage	Volt	12
Alternator output	Amp hour	100
Battery capacity	Amp hour	120

AXLES

Front and rear drive axles: epicyclic hub reduction drive/steer axles with torque proportioning differentials.

BRAKES

Service brakes: Hydraulically operated self-adjusting, oil-immersed in-board multi-disc type mounted on front axle.

Parking brake: SAHR Handbrake self adjusting, oil immersed in-board multi disc type mounted on front axle operated by in-cab switch.

SERVICE FILL CAPACITIES

		525-60 Agri/525-60 Agri Plus
Hydraulic system	litres	65
Fuel tank	litres	75

BOOM AND CARRIAGE

Boom is manufactured from high tensile steel. Low maintenance, hard wearing pads. Carriage options include JCB Q-Fit, JCB compact toolcarrier, Skid-Steer, Eurohitch, Pin and Cone available on both models.

NOISE AND VIBRATION

Noise at the operator's position

Noise emission from the machine

Whole body vibration

Hand-arm vibration

STANDARD/OPTIONAL EQUIPMENT

ENGINE AND COOLING

74hp JCB Diesel engine

Widcore cooling fan

Auto reversing fan

TRANSMISSION / AXLES

2 speed transmission

2 speed transmission

2 speed transmission

Forward / reverse clutch

Column mounted controls

Limited slip front differential

Varispeed transmission

HYDRAULICS

Servo controls

Flow sharing hydraulic system

Proportional boom control

Adjustable constant pressure

80 l/min gear pump

90 l/min variable displacement pump

Auxiliary venting

Hose burst check valve

JCB Adaptive load control

JCB Smoothride system

End damped boom

STEERING

3 steer modes

Manual selectable steering

Electric selectable steering

- STANDARD
- OPTIONAL
- × NOT AVAILABLE