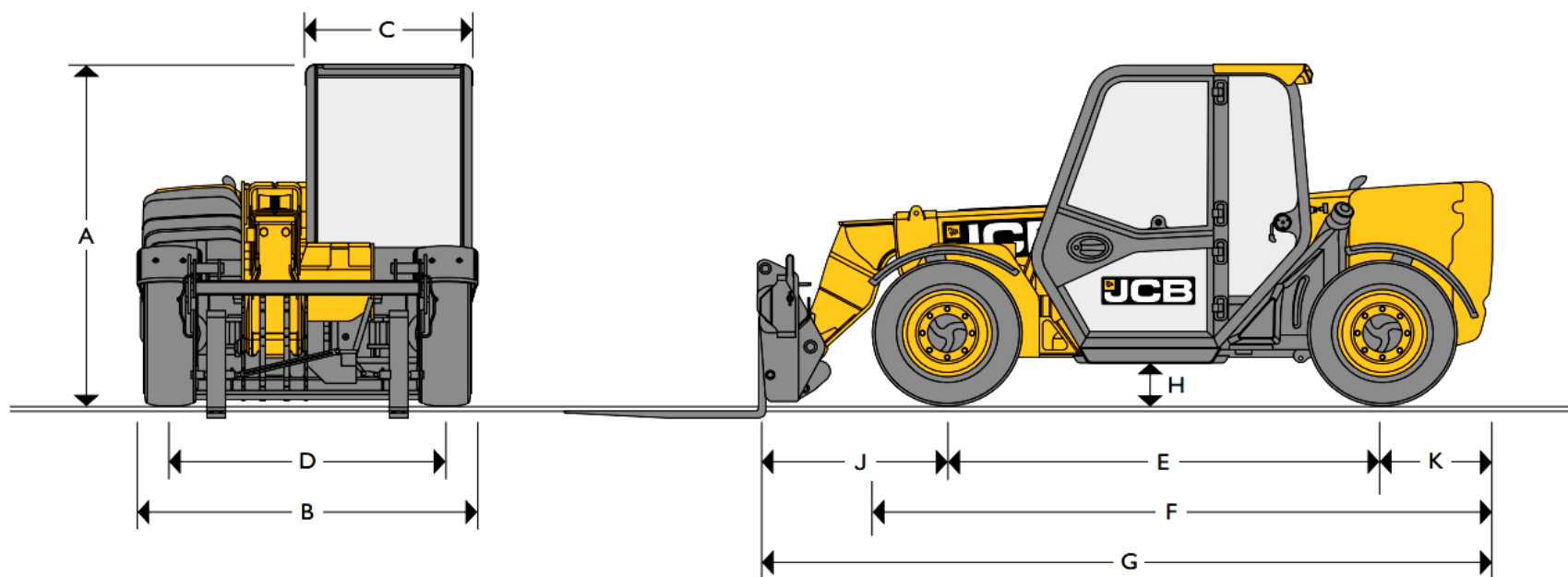




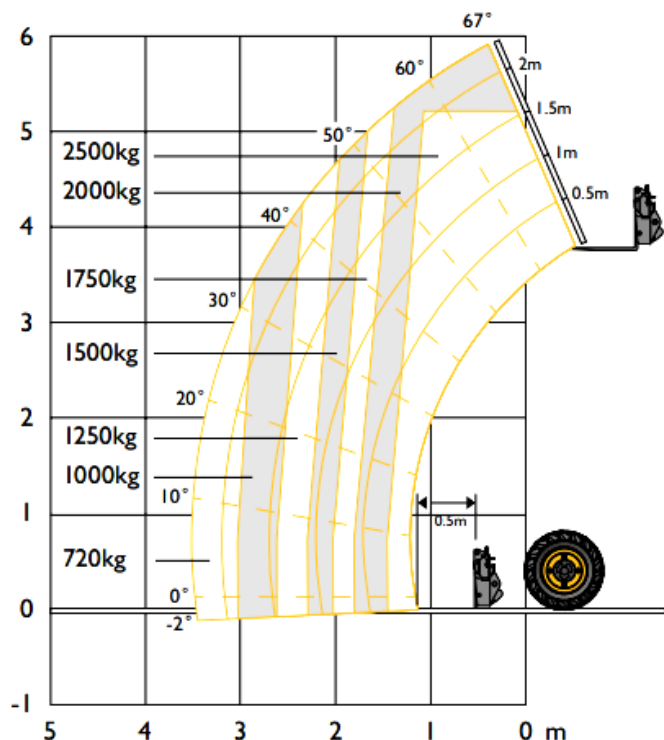
525-60E Telehandler 6M

SPECIFICATION SHEET



Machine Specifications

A Overall Height	1.89 m	J Front wheel centre to carriage	1.02 m
B Overall Width (over tyres)*	0.92 m	K Rear wheel centre to rear face	0.6 m
C Inside of cab	0.88 m	Outside turn radius (over tyres)	3.7 m
D Front track	1.53 m	Carriage roll back angle	11°
E Wheelbase	2.39 m	Carriage dump angle	114°
F Overall length to front tyres	3.38 m	Weight	5145 kg
G Overall length to front carriage	4.0 m	Tyres	12x16.5 industrial
H Ground Clearance	0.22 m		



LIFT PERFORMANCE

Maximum Lift Capacity	2500 kg
Lift Capacity to full height	2000 kg
Lift capacity at full reach	720 kg
Maximum Lift height	6 m
Reach at maximum lift height	- 0.15 m
Maximum forward reach (to front of carriage)	3.5 m
Complies with stability test EN1459-1	

POWER SOURCE

Battery type	Lithium-ion
Gross capacity	24 kWh
System voltage	96 V
Manufacturer	Jungheinrich

CHARGING

On-board charger allowing direct connection to AC mains power supply.	
On-board charging 3kW (240V / 16A)	25 – 80%: 5hrs 0 – 100%: 8hrs
Rapid charging 18 kW (415V / 32A)	25 – 80%: 60 mins 0 – 100%: 110mins
Charging cable plug type	16A – 230V (blue)

MOTORS

	Traction	Hydraulic
Motor type	3 phase AC (induction)	3 phase AC (induction)
Motor power	17 kW (S2)	22 kW (S3)
Max speed	6000 rpm	3000 rpm
Peak torque	220Nm	130Nm
Manufacturer	Jungheinrich	Jungheinrich

TRANSMISSION

Permanent 4WD transmission with independent drive motor and regenerative braking. Travel speed 15 kph / 9.32 mph	
	Forward & Reverse
Speed	15 mph

TRANSMISSION

System voltage	12V & 96V
Full road lighting. Reversing light. Direction indicators. Hazard warning. Reverse alarm. Optional rise over ambient white noise reverse alarm.	

HYDRAULICS

Internal gear pump, fitted with suction strainer and filter.
JCB Smart Hydraulics on boom lower and retract, with separate filtration on pilot services.

Operating system pressure 245 bar

Max flow at system pressure 65 ltr/min

Hydraulic Cycle times

Boom raise 9.4 seconds

Boom lower 6.7 seconds

Boom Extended 9.6 seconds

Retract 6.0 seconds

Bucket Dump 3.1 seconds

Bucket Crowd 4 seconds

SERVICE FILL CAPABILITIES

Hydraulic system 45 Litres

AXLES

Front and rear drive JCB axles: epicyclic hub reduction drive/steer axles

BRAKES

Service brakes: Hydraulically operated self-adjusting.

Parking brake: SAHR Handbrake self adjusting operated by in-cab switch.

BOOM AND CARIAGE

Boom is manufactured from high tensile steel. Low maintenance, hard wearing pads.

Carriage Options: JCB, Q-Fit, JCB compact toolcarrier, Skid-Steer, Euro Hitch, Manitou and Pin & Cone.

MOTORS

Measurement conditions

A-weighted sound pressure level at operator's position (LpA)	71 dB(A)	Determined in accordance with the test method defined in ISO 6396 and the dynamic test conditions defined on 2000/14/EC
A-weighted sound power level emitted by the machine (LwA)	93.6 dB(A)	Guaranteed equivalent sound power (external noise) determined in accordance with the dynamic test conditions defined in 2000/14/EC
Whole body vibration (m/s ²)	1.24 m/s ²	ISO 2631-1:1997 normalised to an 8h reference period and based upon a test cycle defined in SAE J1 166
Hand-arm vibration (m/s ²)	1.27 m/s ²	ISO 5349:2:2001 dynamic test conditions

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 lever.

CAB

Quiet, safe and comfortable cab conforms to ROPS ISO 3471 and FOPS ISO 3449. Tinted glass all round, heated front, rear and right-hand side, laminated roof screen. Roof bars, front screen and roof screen wipers and heater/screen demister. Rear opening window with wash/ wipe. Battery charge, hourmeter, road speed indicator, clock and inclinometer. Adjustable, heated air suspension seat, tilt steer column, SAHR brake switch, floor mounted throttle and brake pedals

Hydraulic controls: Single lever servo joystick, incorporating forward/neutral/reverse, with progressive extend/retract and auxiliary.

Load Moment Indicator: 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 always leaves the operator in control.

OPTIONS

Front, rear and boom working lights, green/amber flashing beacon, fire extinguisher, front screen guard, boom end auxiliary services, sunblind, radio kit, carriage hydraulic locking, 2-speed and intermittent front wash/wiper. 1.2kW on-board charger (110V / 16A compatible)

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