

Technical sheet :

# **MT 625 H**

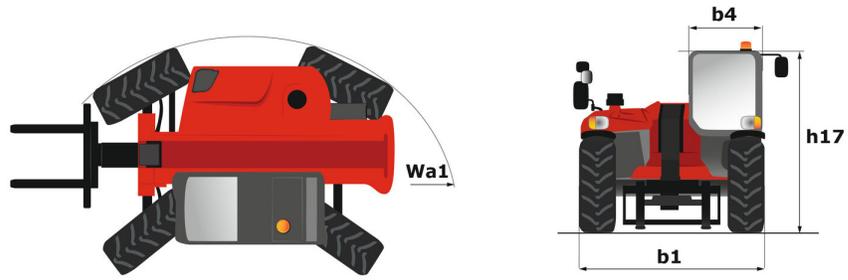
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Capacities		Imperial
Max. capacity		5512 lbs
Max. lifting height		19 ft 2 in
Max. outreach	r1	11 ft 2 in
Breakout force with bucket		3427 daN
Weight and dimensions		
Overall length to carriage	l11	12 ft 7 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 4 in
Wheelbase	y	7 ft 7 in
Ground clearance	m4	1 ft 1 in
Overall cab width	b4	2 ft 7 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	10 ft 10 in
Unladen weight (with forks)		10582 lbs
Tyres type		Pneumatic
Standard tyres		CAMSO SKS532 12-16.5
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
Performances		
Lifting		8 s
Lowering		5.40 s
Extension		5.60 s
Retraction		4.30 s
Crowd		3.50 s
Dump		3.60 s
Engine		
Engine brand		Kubota
Engine model		V3307-CR-TE5B
Number of cylinders / Capacity of cylinders		4 - 203 in <sup>3</sup>
I.C. Engine power rating - Power (kW)		75 Hp / 55.40 kW
Max. torque / Engine rotation		265 Nm @ 1400 rpm
Drawbar pull (Laden)		3550 daN
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		15 mph
Parking brake		Automatic negative parking brake
Service brake		Oil-Immersed multi-discs braking on front axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		90 l/min / 3408 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		30 US gal
Fuel tank		17 US gal
Noise and vibration		
Noise at driving position (LpA)		76 dB(A)
Noise to environment (LwA)		104 dB(A)
Vibration on hands/ams		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS cab (level 1)
Controls		JSM

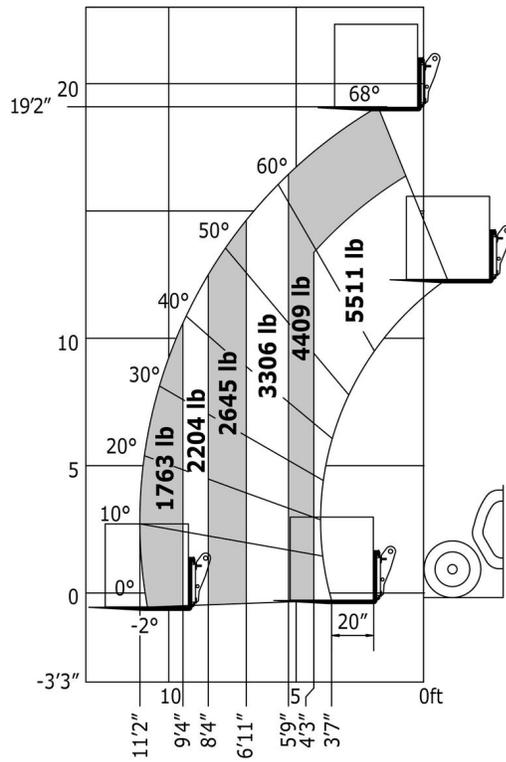
# MT 625 H - Dimensional drawing

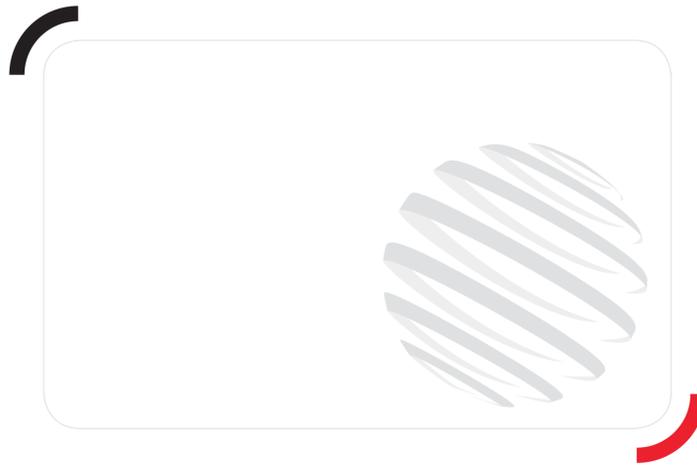
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# MT 625 H - Load chart

Machine on tyres with forks Imperial





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**NEW**

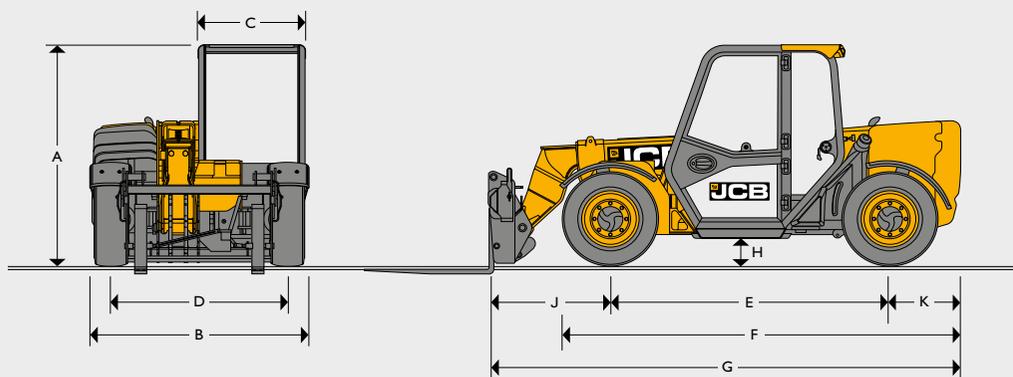


## **LOADALL | 525-60 HI VIZ**

Gross power: 55kW/74hp | Lift capacity: 2,500 kg | Lift height: 6.0m



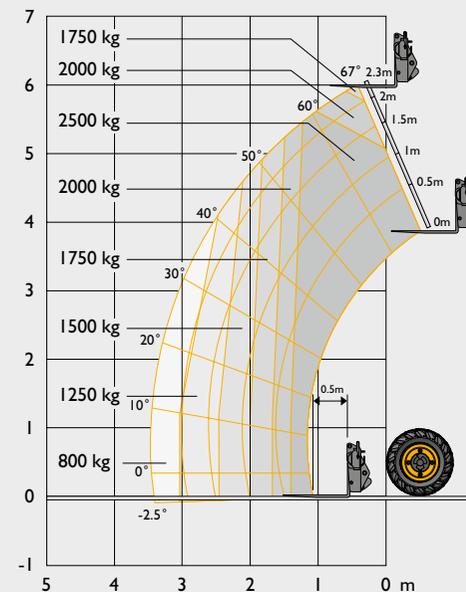
STATIC DIMENSIONS



A	Overall height*	m	1.89
B	Overall width (over tyres)*	m	1.84
C	Inside width of cab	m	0.88
D	Front track	m	1.53
E	Wheelbase	m	2.39
F	Overall Length to front tyres	m	3.38
G	Overall length to front carriage	m	4
H	Ground clearance	m	0.23
J	Front wheel centre to carriage	m	1.02
K	Rear wheel centre to rear face	m	0.6
	Outside turn radius (over tyres)	m	3.7
	Carriage roll back angle	degrees	11
	Carriage dump angle	degrees	114
	Weight	kg	5490
	Tyres	industrial	12x16.5

\*Dependant upon tyre specified.

LIFT PERFORMANCE



Maximum lift capacity	kg	2500
Lift capacity to full height	kg	1750
Lift capacity at full reach	kg	800
Lift height	m	6
Reach at maximum lift height	m	-0.15
Maximum forward reach (to front of carriage)	m	3.5
Reach with 1.2 tonne load	m	2.64

Complies with stability test EN 1459 Annex B.

**ENGINE**

Latest Tier 4 Final 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.

Manufacturer	JCB DIESEL BY KOHLER	
Displacement	ltr	2.5
No. of cylinders		4
Bore size	mm	88
Stroke	mm	102
Aspiration	Turbocharged cooled	
<b>Power rating</b>		
Power @ 2200rpm	kW (hp)	55 (74)
<b>Torque rating</b>		
Torque @ 1500rpm	Nm	300

**HYDRAULICS**

Two stage gear pump, fitted with suction strainer and filter. One boom end auxiliary hydraulic service fitted as standard.

Operating system pressure	bar	235
Flow at system pressure @ 2200rpm	ltr/min	80
<b>Hydraulic cycle times</b>		<b>Seconds</b>
Boom raise		7.6
Boom lower		5.3
Boom extend		7.5
Retract		3.7
Bucket dump		1.9
Bucket crowd		2.9

**TRANSMISSION**

Closed loop variable displacement pump with a continuously variable hydrostatic drive. Comprising of a hydraulic motor and control unit. Permanent 4 wheel drive. Travel speed: 25kph (15mph), 20kph (12mph) (TUV).

		Forward	Reverse
Low range	kph	8	8
High range	kph	25	25

**ELECTRICS**

System voltage	Volt	12
Alternator output	Amp hour	80
Battery capacity	Amp hour	120

Full road lighting. Reversing light. Direction indicators. Hazard warning. Reverse alarm.

**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**

Hydraulic system	litres	65
Fuel tank	litres	75

**BOOM AND CARRIAGE**

Boom is manufactured from high tensile steel. Low maintenance, hard wearing pads. JCB Q-Fit, JCB compact toolcarrier, Skid-Steer.

**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.

**Option:** In cab selector switch with Auto Align.

**CAB**

Quiet, safe and comfortable cab conforms to ROPS ISO 3471 and FOPS ISO 3449. Tinted glass all round, with laminated roof screen. Roof bars, front screen and roof screen wipers and heater/screen demister. Rear opening window with wash/wipe. Audio-visual warning system for coolant temperature, engine oil pressure, air-cleaner, battery charge, transmission oil temperature and pressure, water in fuel, hourmeter, road speed indicator, fuel gauge, engine temperature, clock and inclinometer. Adjustable suspension seat, tilt steer column, park brake, floor mounted throttle and brake pedals.

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

**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 leaves the operator in control at all times.

**OPTIONS**

**Options:** Canopy, front and rear working lights, rotating flashing beacon, fire extinguisher, front screen guard, air conditioning, 2 boom end auxiliary services, sunblind, radio kit, carriage hydraulic locking, limited slip differential in front axle, air suspension seat, 2-speed and intermittent front wash/wiper.

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

\*Adaptive Load Control for EU territories conforms to EN15000.