



TELESCOPIC WHEEL LOADER | TM220/TM320/TM420

Gross power: 74–145 hp (55–108 kW) Lift capacity: 4,410–8,550 lb (2,000–3,878 kg) Lift height: 15'–17'8" (4.6–5.4 m)
AGRICULTURE CONFIGURATION



STRENGTH YOU CAN RELY ON

AT JCB, WE UNDERSTAND THAT A TELESCOPIC WHEEL LOADER IS A KEY PART OF ANY FARMING OPERATION. THAT'S WHY THE TM RANGE IS DESIGNED AND BUILT WITHOUT COMPROMISE TO PROVIDE ALL THE STRENGTH AND POWER YOU NEED IN AN ARTICULATED MACHINE.

Proven reliability.

- 1 The centrally mounted lift, tilt, and extension rams eliminate boom twisting, while centrally mounted keyhole castings enhance the structural integrity.
- 2 For long-term corrosion protection, cabs, and bodywork panels are coated in a protective alloy prior to painting.
- 3 JCB's stringent testing program includes high-stress loading of the chassis, boom, and other key components; plus thousands of transmission cycles under strenuous conditions.
- 4 The TM range features heavy-duty chassis and boom construction built with state-of-the-art manufacturing processes, like robot machining, for ultimate strength and reliability.



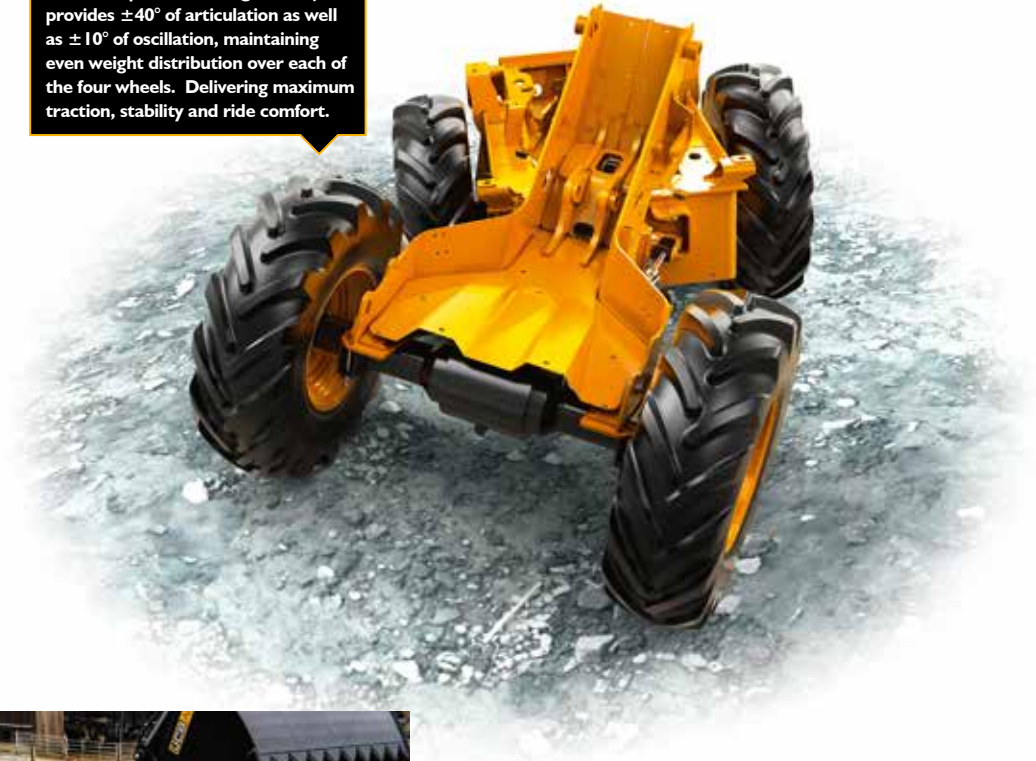
Designed to work.

5 The cast rear counterweight helps prevent impact damage. Recessed rear lights mounted above the counterweight are well protected from accidents.

6 The boom is mounted into a heavy-duty loader tower and features an inverted-U profile and fully welded closing plates for exceptional strength.

7 Hydraulic hoses are routed within the main boom structure to guard against damage.

JCB's unique articulating center joint provides $\pm 40^\circ$ of articulation as well as $\pm 10^\circ$ of oscillation, maintaining even weight distribution over each of the four wheels. Delivering maximum traction, stability and ride comfort.



THE POWER TO PERFORM

THE JCB TM RANGE ARE HIGHLY PRODUCTIVE AND MULTI-FUNCTIONAL TELESCOPIC WHEEL LOADER WITH OPTIMAL POWER-TO-WEIGHT RATIOS, MAKING THEM THE PERFECT MATERIAL HANDLERS.

Traction to travel.

1 For improved load retention, comfort, and productivity, the TM range is equipped with JCB's Smooth Ride System (SRS). SRS can be auto-engaged while traveling at speeds exceeding 3.7 mph (6 kph), manually engaged via a rocker switch (with the boom in any position), or constantly activated.

2 With 4WD and limited slip differential, the TM series has exceptional traction and performance on soft, muddy ground.

3 Power from the driveline is transferred to the ground through our purpose built chassis, that allows all of the components to work together for optimum performance.



Versatility by the bucketload.

4 JCB's articulated steering boasts an easy-to-use built-in sideshift – ideal for placing bales and changing attachments.

6 The foot brake on the TM320 and TM420 features a selectable transmission dump for superb multi-functioning control and increased engine speeds during loading or rehandling. Likewise the TM220 boasts an inching pedal that splits power between the transmission and the hydraulics, providing precise, efficient, load handling.

6 Available LED work light packages includes boom and cab-mounted forward options, and a rear-mounted light, for enhanced visibility and productivity at night and in dark operating environments.

7 For maximum versatility, the TM series is fitted with a hydraulic auxiliary service as standard, making it compatible with a wide range of attachments; a twin auxiliary option is available. A hydraulic pressure release button is located within the cab and the ability to change flow rate on the go is perfect for straw spreads or sweepers.



IN CONTROL, IN COMFORT

DESIGNED TO MAKE WORK STRAIGHTFORWARD. THE TM RANGE IS EASY TO ACCESS, INTUITIVE TO OPERATE, AND IT IS CONTROLLED FROM THE CENTER OF THE MACHINE FOR SUPERB VISIBILITY. AFTER ALL, A COMFORTABLE, CONFIDENT OPERATOR IS A MORE PRODUCTIVE ONE.

At your command.

- 1 From a high, centrally mounted driving position, operators enjoy the benefit of a low boom pivot point and large glass areas for an unobstructed 360-degree view.
- 2 For fast and precise control, TMs are fitted with a fully-proportional, single-lever joystick control. Operators can change gears, speed, and direction quickly and easily with one ergonomically designed joystick.
- 3 All the instruments needed to operate a JCB machine are within easy reach of the seat, so there's no need to hunt around for information while working. Backlit switches ensure quick and accurate control recognition, even in the dark.
- 4 Our tilting telescopic steering column is easy to adjust for an ergonomic driving position.



Sitting comfortably.

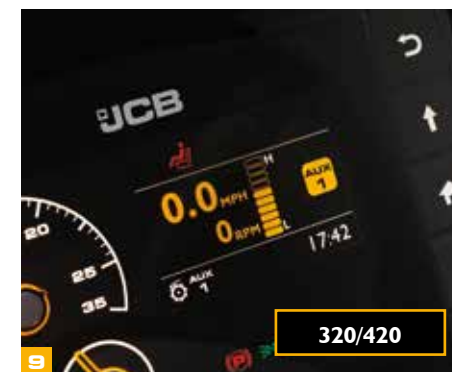
5 The new JCB HVAC system keeps operators comfortable and focused for longer. Air conditioning and the 3-speed fan/heater makes it easy to select the perfect cab temperature all year round, from the depths of winter to the hottest days of summer.

6 The supportive mechanical or air-suspension seats are fully adjustable and exceptionally comfortable.

7 The cab is large and roomy with plenty of storage for personal items and work essentials.

8 Boom-end damping when lowering and extending/retracting reduces shock to the operator and on the machine itself.

9 A stylish, modern central dash display combines analogue dials and a color LCD screen (on TM220) or a LED color screen (on TM320 and TM420)— these displays machine health details, service requirements, operating information, and more.



SERVICE AND SAFETY

A TELESCOPIC WHEEL LOADER NEEDS TO SPEND AS MUCH TIME AS POSSIBLE HARD AT WORK. JCB DESIGNED THE TM RANGE TO REQUIRE MINIMAL MAINTENANCE AND BE EASY TO SERVICE, MEANING LESS DOWNTIME AND MORE WORKING/EARNING TIME.

Maintenance made easy.

1 A gas strut assisted one-piece engine cover provides easy access to the large engine bay and enables fast and easy inspection of the engine. Grease points are easily accessible, and no tools are required to access the battery.

2 All daily checks are located at ground level as are the diesel fill point, engine oil, hydraulic oil, and fuel filters for easy servicing. The air filter is easily accessible and its double-element design reduces the need for cleaning.

3 On the TM320 and TM420, the DEF tank is easily accessible at ground level and requires a separate key than the diesel tank. The SCR on these machines are sealed-for-life and require no maintenance.

4 Self-lubricating boom wear pads and dry boom lubrication provide virtually maintenance-free operation. The use of graphite impregnated bronze bushes throughout the machine allows greasing intervals to be extended to 500 hours.



Keeping you safe.

5 Access steps are inclined and equally spaced. Well-positioned grab handles provide three points of contact at all times.

6 Hose burst check valves on the rams prevent collapse in the event of hose failure.

7 Lock-back release door and offside window can be opened and closed from inside the cab.

8 An in-cab, electric, two-stage quick hitch isolation control protects against accidental release of attachments.

9 Operators, managers, and dealers alike can access vital information like machine running times, fuel usage, and error alerts – it's all available at the touch of a button on the in-cab display or via JCB's LiveLink telematics system.



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TM220

THE TM220, WITH A 15 FOOT LIFT HEIGHT AND 10 FEET OF FORWARD REACH, IS POWERED BY THE 74 HP JCB DIESEL BY KOHLER AND REQUIRES NO DIESEL EXHAUST FLUID AFTER-TREATMENT. THIS MACHINE IS A MIGHTY WORKHORSE IN A SMALL PACKAGE.

JCB Diesel by Kohler.

1 With no exhaust after-treatment, our 74 hp (55 kW) JCB Diesel by Kohler engines are extremely compact, so there's no compromise to visibility. With peak power/torque produced at low revs, you get good fuel economy too.

Driving forward.

3 So that you can tailor your TM220 to any application, we offer several axle options. Open diffs are ideal for hard ground and limited slip diffs excel when traction is at a premium. Our 100% switchable front axle diff lock provides ultimate traction on muddy terrain and won't damage the ground when it's not in use. It can be engaged on the move and under load.

4 High speed axles that increase the top speed to 25 mph (40 kph) are standard.

2 Our TM220 machine is equipped with a variable speed engine cooling fan that maintains optimum fan speed for all requirements without using any excess engine power.



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Hydrostatic and Powershift drives make these models very easy to operate even for the inexperienced.

TM220 has hydrostatic drive.

TM320/420 have Powershift drive.



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TM320

THE TM320 IS EQUIPPED WITH THE EXCEPTIONAL JCB ECOMAX ENGINE AND OFFERS 17'1" LIFT HEIGHT, 9'8" FORWARD REACH AND CLASS LEADING LIFT CAPACITY AND TEAROUT FORCE.

JCB EcoMAX engine.

1 The JCB TM320 features the 125 hp (93 kW) JCB EcoMAX Tier 4 Final engine with a variable geometry turbo. This 4.4 liter engine delivers a massive 405 ft-lb (550 Nm) torque at low engine speeds for optimum response, improved cycle times, and tractive effort.

2 Innovative Clean Burn technology allows JCB engines to meet Tier 4 Final regulations without a diesel particulate filter (DPF) and therefore without the productivity and cost impacts of DPF regeneration and DPF replacement. Instead, the JCB engines in the TM320 use a sealed-for-life Selective Catalytic Reduction (SCR) system.

3 EcoMAX engine fitted with a variable speed cooling fan or hydraulic reversing fan with manual override that automatically adjusts to ambient temperatures, for optimal fuel efficiency and reduced in-cab noise.

Productivity to the MAX

4 The TM320 is equipped with a torque converter locking in seventh and eighth gear for increased speed, quicker journey times, and reduced fuel consumption.

5 The TM320's variable flow auxiliary hydraulics are easy to use and designed to maximize productivity and efficiency. This flow sharing system, with a variable flow piston pump, allows multiple functions to be performed simultaneously while load-sensors insure the hydraulics consume power only on demand, to reduce fuel consumption.



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TM420

THE CLASS LEADER WHEN IT COMES TO LIFT CAPACITY AND BREAKOUT FORCE. THERE'S NOTHING THE TM420 CAN'T HANDLE. THE SUPERB JCB ECOMAX ENGINE IS MATCHED WITH THE JCB TELESCOPIC BOOM WITH A LIFT HEIGHT OF 17'8" AND FORWARD REACH OF 10'.

JCB EcoMAX engine.

1 The JCB TM420 features the JCB Tier 4 Final-compliant 4.8 liter, 145 hp (108 kW) EcoMAX engine with a variable geometry turbo. The engine delivers 413 ft-lb (560 Nm) of torque for increased performance at low engine speed, for improved cycle performance, and tractive effort.

2 JCB's innovative Clean Burn technology and sealed-for-life Selective Catalytic Reduction (SCR) system enables JCB EcoMAX engines to comply with Tier 4 Final regulations without a diesel particulate filter (DPF). This eliminates costly replacement parts and productivity-sapping regeneration.

3 The JCB EcoMAX engine is fitted with a variable speed cooling fan that automatically reacts to ambient temperatures and adjusts the fan speed to maximize fuel efficiency and reduce noise levels.



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Redefined productivity.

4 The TM420 is fitted with TorqueLock in gears seventh and eighth for greater speed, quicker journey times between farm and field, and reduced fuel consumption when roading.

5 The TM420's variable flow auxiliary hydraulics are easy to use and designed to maximize productivity and efficiency. This flow sharing system, coupled with a variable flow piston pump, allows for multiple functions to be performed at the same time, reducing cycle times.

6 Innovative, all-new smart regenerative and load-sensing hydraulics help to make the most of every drop of fuel by only using power on demand. Gravitational forces are harnessed to make boom lowering and retraction more energy efficient than ever, allowing the boom to retract and lower in less than five seconds!



LIVELINK, WORK SMARTER

LIVELINK IS AN INNOVATIVE SOFTWARE SYSTEM THAT LETS YOU MANAGE JCB MACHINES REMOTELY – ONLINE, BY EMAIL OR BY MOBILE PHONE. ACCESS EVERYTHING FROM MACHINE ALERTS TO HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTER.

Maintenance benefits

Manage machine maintenance easily – accurate hours monitoring and service alerts improve maintenance planning, while real-time location data helps you manage your fleet. Critical machine alerts and maintenance history records are also available.



Productivity and cost benefits

All LiveLink equipped T4F Loadall machines built are now able to report fuel economy, idle time and engine load data through the LiveLink web portal, helping you reduce your fuel usage, saving you money and improving productivity. Machine location information can help improve efficiency and perhaps even reduce insurance costs.



Security benefits

LiveLink's real-time geofencing alerts tell you when machines move out of predetermined zones, and real-time curfew alerts inform you of unauthorized usage. Further benefits include real-time location information, advanced ECU matching (pairs LiveLink with the immobilizer or ECU).



VALUE ADDED

WHATEVER YOU NEED AND WHEREVER YOU ARE, THE DEPENDABLE JCB DEALER NETWORK IS HERE TO MAKE SURE YOUR MACHINERY PERFORMS TO ITS FULL POTENTIAL.

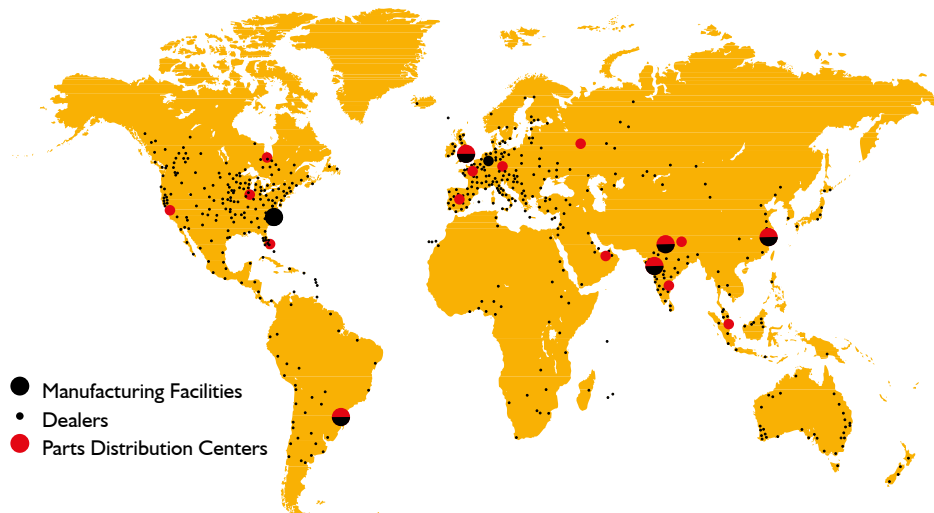


1 JCB Technical Support Service provides instant access to factory expertise, day or night. JCB's Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

2 The global network of JCB Parts Centers is a model of efficiency. With 16 regional bases, we can deliver around 95 percent of all parts anywhere in the world within 24 hours. Our genuine JCB parts are designed to work in perfect harmony with your machine for optimum performance and productivity.

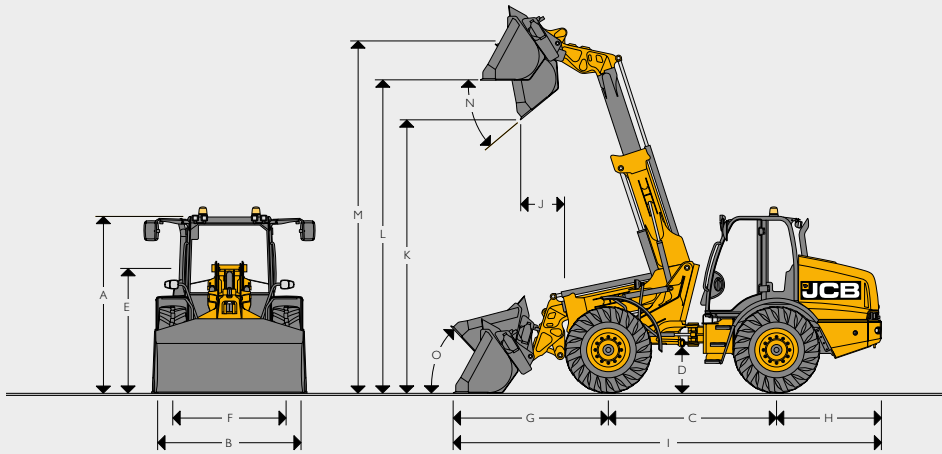


3 JCB Yellow Shield offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. JCB maintenance teams offer competitive labor rates and no obligation quotes.



Note: JCB LiveLink and JCB Yellow Shield may not be available in your region, so please check with your local dealer.

STATIC DIMENSIONS



Model			TM220	TM320	TM420
A	Overall height	ft-in (mm)	8-8 (2,634)	8-10 (2,703)	9-3 (2,827)
B	Overall width (over tires)	ft-in (mm)	6-3 (1,902)	7-9 (2,350)	7-9 (2,350)
C	Wheelbase	ft-in (mm)	7-3 (2,205)	8-4 (2,550)	9-1 (2,758)
D	Ground clearance to bottom of axle	ft-in (mm)	1-1 (330)	1-7 (472)	1-6 (466)
E	Height to top of boom pivot	ft-in (mm)	5-6 (1,667)	6-0 (1,835)	6-6 (1,975)
F	Wheel track	ft-in (mm)	4-11 (1,490)	6-2 (1,870)	6-1 (1,860)
G	Axle to shovel toe plate	ft-in (mm)	4-2 (1,269)	5-4 (1,627)	8-4 (2,532)
H	Axle to counterweight face	ft-in (mm)	4-3 (1,295)	7-0 (2,143)	5-8 (1,721)
I	Total length*	ft-in (mm)	19-8 (5,998)	20-9 (6,322)	23-0 (7,011)
J	Dump reach	ft-in (mm)	3-10 (1,175)	3-1 (933)	2-5 (735)
K	Dump height	ft-in (mm)	12-0 (3,652)	14-10 (4,511)	14-6 (4,411)
L	Load over height	ft-in (mm)	14-4 (4,376)	17-1 (5,200)	16-7 (5,064)
M	Pin height	ft-in (mm)	15-7 (4,772)	17-7 (5,367)	18-7 (5,661)
N	Maximum dump angle	degrees	43	39	39
O	Roll back at carry	degrees	43	41	43
	Total length to front of hitch	ft-in (mm)	15-7 (4,816)	19-4 (5,886)	19-1 (5,829)
	Inside radius	ft-in (mm)	6-10 (2,090)	6-7 (2,001)	12-9 (3,880)
	Outside radius (edge of tire)	ft-in (mm)	13-3 (4,030)	14-3 (4,350)	16-7 (5,060)
	Outside radius (over shovel)	ft-in (mm)	15-7 (4,755)	15-2 (4,633)	18-8 (5,680)
	Articulation angle	degrees	±40	±43	±40
	Operating weight	lb (kg)	14,319 (6,495)	18,122 (8,220)	21,010 (9,530)
	Front axle weight	lb (kg)	5,803 (2,632)	6,107 (2,770)	7,231 (3,280)
	Rear axle weight	lb (kg)	8,516 (3,863)	12,103 (5,490)	13,779 (6,250)
	Tires used for specifications		Michelin XMCL 400/70R20	Michelin XMCL 460/70R24	Michelin XMCL 480/80R26
	Bucket used for specifications		1.2 yd³ (0.9 m³)	1.3 yd³ (1.0 m³)	2.1 yd³ (1.6 m³)
	Hitch used for specification		Euro Hitch	Q-fit	Q-Fit

*Please note total length: machine fitted with standard bucket - in carry position, shovel crowded fully back.

ENGINE

Model		TM220	TM320	TM420
Manufacturer		JCB by Kohler	JCB	JCB
Model		Kohler KDI 2504 TCR	EcoMAX	EcoMAX
Capacity	l	2.5	4.4	4.8
Aspiration		Turbocharged	Turbocharged/charge cooled	Turbocharged/charge cooled
Number of cylinders		4	4	4
Power rating				
Gross power to SAE J1995/ISO 14396	hp (kW)	74 (55) @ 2200rpm	125 (93) @ 2,200 RPM	145 (108) @ 2,200 rpm
Torque rating				
Gross torque	lb-ft (Nm)	221 (300) @ 1500 RPM	405 (550) @ 1,500 RPM	413 (560) @ 1,500 rpm

TRANSMISSION

Model		TM220	TM320	TM420
Type		Hydrostatic	Powershift	Powershift
Make		Rexroth	JCB	JCB
Model		A6VM - 2 Speed	PS760 - 8 Speed	PS760 - 8 Speed
1st Gear	mph (kph)	--	3 (5)	3 (5)
2nd Gear	mph (kph)	--	5 (8)	5 (8)
3rd Gear	mph (kph)	--	7 (11)	7 (11)
4th Gear	mph (kph)	--	11 (18)	11 (18)
5th Gear	mph (kph)	--	18 (30)	18 (30)
6th Gear	mph (kph)	--	25 (40)	25 (40)
7th Gear	mph (kph)	--	25 (40)	25 (40)
8th Gear	mph (kph)	--	25 (40)	25 (40)
Low range	mph (kph)	3.75 (6)	--	--
Medium range	mph (kph)	12.5 (20)	--	--
High range	mph (kph)	25 (40)	--	--

AXLES

Model		TM220	TM320	TM420
Type		Straight beam	Epicyclic hub reduction	Epicyclic hub reduction
Make		Dana 111	JCB	JCB
Overall axle ratio/ drop box ratio		--	13.71	15.23
Chassis angle oscillation	degrees	±10	±10	±10

BRAKES

Model		TM220	TM320	TM420
Service brakes		Inboard oil immersed brakes with combined handbrake	Inboard oil immersed brakes	
Parking brake		Spring actuated hydraulic released park brake	Cable operated disc brake on transmissions output shaft	

NOISE AND VIBRATION

Model		TM220	TM320	TM420	Uncertainty	Measurement conditions
Noise at the operator station	LpA	76 dB	73 dB	73 dB	+/- 1dB	Determined in accordance with the test method defined in ISO 6396 and the dynamic test condition defined on 2000/14/EC.
Noise emission from the machine	LWA	104 dB	107 dB	107 dB	+/- 1dB	Guaranteed equivalent sound power (external noise) determined in accordance with the dynamic test conditions defined in 2000/14/EC.
Whole body vibration	m/s²	0.65	0.39	0.52	+/- 0.11 dB	ISO 2631-1:1997 normalized to an 8h reference period and based upon a test cycle comprising of loader work (soil).
Hand-arm vibration	m/s²	<2.5	<2.5	<2.5	N/A	ISO 5349-2:2001 dynamic test conditions.

ELECTRICAL SYSTEM

Model		TM220	TM320	TM420
System voltage	Volt	12	12	12
Alternator output	Amp hour	80	150	159
Battery capacity	Amp hour	100	120	120

SERVICE FILL CAPACITIES

Model		TM220	TM320	TM420
Hydraulic tank (320/420)		—	25.5 (97)	25.5 (97)
Hydraulic tank & transmission (220)	gal (l)	18.5 (70)	—	—
Fuel tank	gal (l)	21 (80)	42.3 (160)	42 (160)
Engine oil sump	gal (l)	2.96 (11.2)	3.7 (14)	3.7 (14)
Axle oil (front) including hubs	gal (l)	1.6 (4.4)	5.3 (20)	6.6 (25)
Axle oil (rear) including hubs	gal (l)	1.60 (6.05)	5.3 (20)	6.6 (25)
Drop box	gal (l)	N/A	0.3 (1.3)	0.35 (1.3)
DEF	gal (l)	N/A	7.7 (29)	7.7 (29)
Transmission (420)	gal (l)	—	—	5 (19)

HYDRAULICS

Model		TM220	TM320	TM420
Pump type		Single gear pump	Variable displacement piston pump	
Pump maximum flow	gpm (l/min)	23.5 (89)	37 (140)	42 (160)
Pump maximum pressure	psi (bar)	3,625 (250)	3,336 (230)	3,770 (260)
Hydraulic cycle times				
Boom raise	seconds	4.3	5.8	5.1
Boom lower	seconds	4.5	6.7	4.7
Extend	seconds	3.6	4.1	3.6
Retract	seconds	2.9	3.1	3.5
Bucket dump	seconds	3.4	3.1	2.9
Bucket crowd	seconds	2.8	3.3	3.4
Total cycle time	seconds	21.5	26.1	23.2

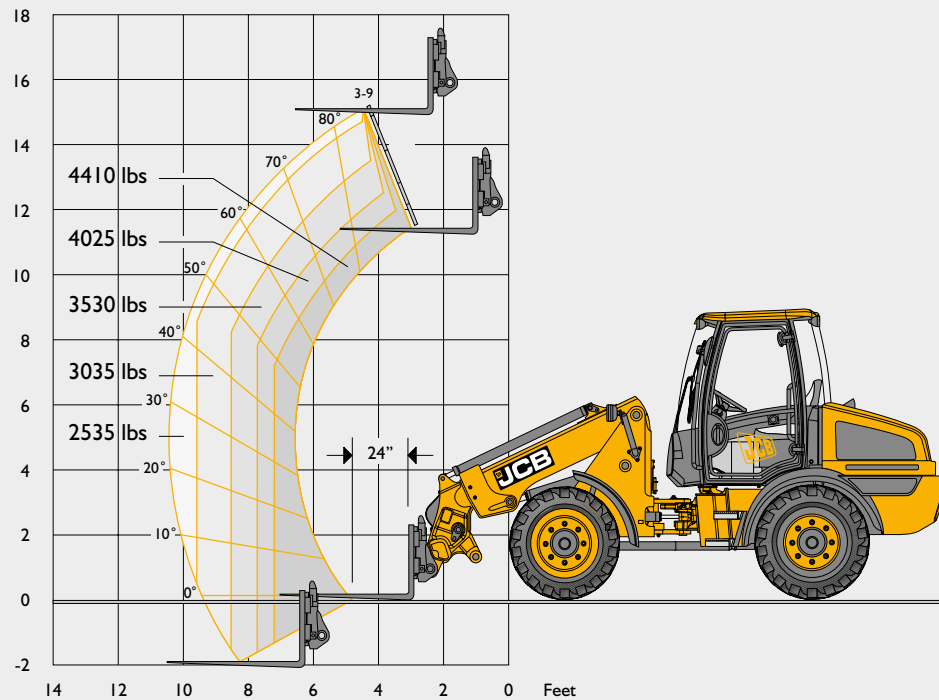
LOADER PERFORMANCE (FORKS)

Model		TM220	TM320	TM420
100% straight tipping load	lb (kg)	6,965 (3,160)	10,459 (4,744)	13,900 (6,305)
100% full turn tipping load	lb (kg)	5,436 (2,465)	8,182 (3,711)	10,845 (4,919)
80% full turn tipping load	lb (kg)	4,348 (1,972)	6,546 (2,969)	8,676 (3935)
60% full turn tipping load	lb (kg)	3,261 (1,479)	4,909 (2,226)	6,507 (2951)

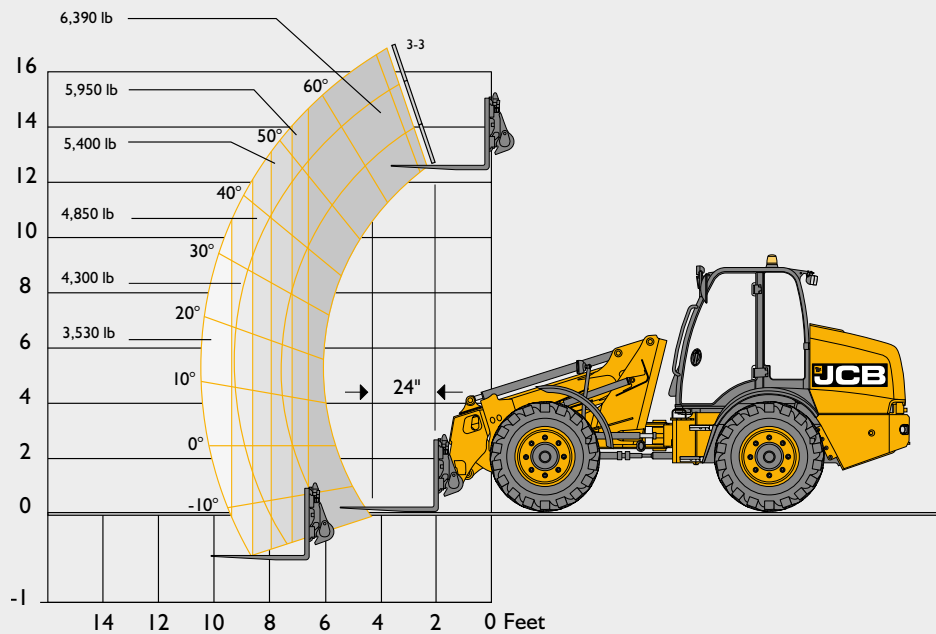
TIRE OPTIONS

Model	Manufacturer	Size	Type	Application	Dimensional changes	
					Overall height in (mm)	Width over tires in (mm)
TM220	Goodyear	16.0/70-20	SGL	AG	0.2 (5)	0.2 (5)
	Michelin	380/75 R20	XMCL	AG	0 (0)	0.75 (19)
	Michelin	400/70 R20	XMCL	AG	0 (0)	0 (0)
	Michelin	405/70 R20	XZSL	AG/EM	1 (25)	0.25 (6)
TM320	Michelin	460/70R24	XMCL	AG	0 (0)	0 (0)
	Michelin	500/70R24	XMCL	AG	0.9 (24)	1.5 (38)
	Michelin	460/70R24	BIBLOAD	AG/EM	-0.2 (-4)	0 (0)
	Michelin	500/70R24	BIBLOAD	AG/EM	0.7 (19)	2.1 (54)
TM420	Michelin	480/80R26	XMCL	AG	0(0)	0(0)
	Michelin	480/80R26	BIBLOAD	AG/EM	.3 (8)	0 (0)
	Michelin	620/70R26	CEREXBIB	AG	.3 (8)	8 (200)

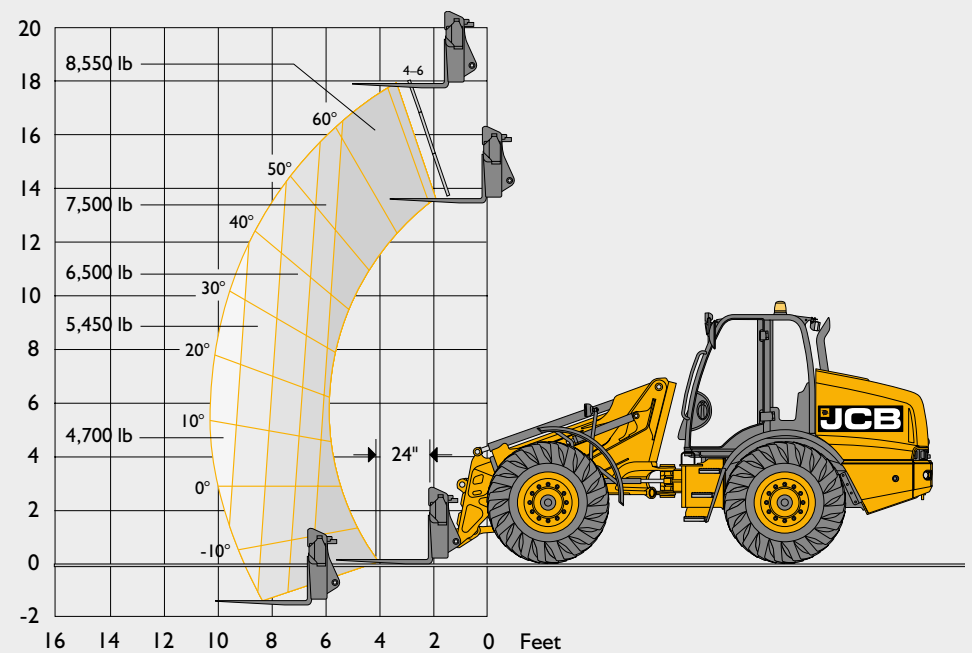
TM220



TM320



TM420



STANDARD/OPTIONAL EQUIPMENT

Model	TM220	TM320	TM420
ENGINE AND COOLING			
74 hp JCB Diesel by Kohler	•	—	—
125 hp JCB EcoMAX engine	—	•	—
145 hp JCB EcoMAX engine	—	—	•
Cyclonic air filter	•	•	•
Air intake scavenge system	•	•	•
Widecore cooling pack	—	•	•
Auto reversing fan	—	+	+

TRANSMISSION / AXLES

6 speed Powershift transmission	—	•	•
Lock-up torque converter in gears 4 - 6	—	•	•
25 mph (40 kph) travel speed	•	•	•
Transmissions disconnect on footbrake	—	•	•
3 speed hydrostatic transmission	•	—	—
Inching function	•	—	—
Forward / reverse controls on joystick	•	•	•
Column mounted transmission selector	—	•	•
Inboard oil immersed disc brakes	•	•	•
Limited slip differentials front axle	•	•	•

HYDRAULICS

Servo controls	•	•	•
Flow sharing hydraulics	•	•	•
Proportional boom and auxiliary controls	•	•	•
Adjustable constant flow hydraulics	+	•	•
Gear pump	•	—	—
Variable displacement piston pump	—	•	•
Priority steer valve	•	•	•
Hose burst check valves	•	•	•
JCB Smooth Ride System	+	+	+

Model	TM220	TM320	TM420
CAB			
ROPS/FOPS safety structure	•	•	•
Laminated screen	•	•	•
Fully adjustable mechanical seat	•	•	•
Air suspension seat	+	+	+
Interior light	•	•	•
Tilt and telescopic steering column	•	•	•
Adjustable joystick control console and armrest	•	•	•
Front and rear wash / wipe	•	•	•
3 speed heater fan	•	•	•
Air conditioning	+	+	+
RH opening window with lock back	•	•	•
LH opening door with door lock back	•	•	•
Single lever joystick controls	•	•	•
Loader control isolator	•	•	•
External rear view mirrors	•	•	•
Roof window	•	•	•
Front and roof screen blinds	•	•	•
Additional storage box	—	+	+

ELECTRICAL

Road lights front and rear	•	•	•
Battery isolator	•	•	•
Direction indicators	•	•	•
Front and rear worklights	+	+	+
Boom worklights	—	+	+
LiveLink telematics	•	•	•
12 V in-cab power socket	•	•	•

Model	TM220	TM320	TM420
CHASSIS AND BODYWORK			
Articulated steering	•	•	•
Center pivot oscillation	•	•	•
Plastic front and rear fenders	•	•	•
Fixed bottom step	•	•	•
Full width rear counterweight	•	•	•

LOADER

Center mounted single stage telescopic boom	•	•	•
Parallel lift	•	•	•
End damping on boom lower, extend and retract	•	•	•
Euro quickhitch	•	—	—
JCB compact tool carrier quickhitch	+	—	—
JCB Q-fit carriage	—	•	•
Electrical in cab quickhitch pin isolation	•	•	•

STANDARD •
OPTIONAL +
N/A —



ONE COMPANY, MORE THAN 300 MACHINES.

TELESCOPIC WHEEL LOADER | TM220/TM320/TM420 Gross power: 74–145 hp (55–108 kW) Lift height: 15'–17'8" (4.6–5.4 m)

Your nearest JCB Dealer

JCB North America

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9999/NA en-US xx Issue 1 (T4F) - DWUSA 5130.1

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