

SERVICEABILITY.

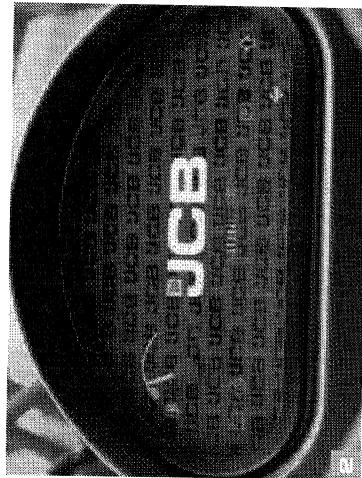
WHEEL LOADERS NEED TO SPEND THE MAXIMUM AMOUNT OF TIME HARD AT WORK. WE'VE DESIGNED THE 403 TO DO JUST THAT, WITH LONG SERVICE INTERVALS AND QUALITY COMPONENTS.

Quick and easy servicing.

- 1 All daily checks and routine maintenance points are easily accessed under the large single piece bonnet.
- 2 The dash keeps JCB 403 operators well informed via a fuel gauge, hours display, high gear display, and all the usual warning lights.
- 3 The 48 litre fuel tank located in the front chassis can easily be refilled from ground level.

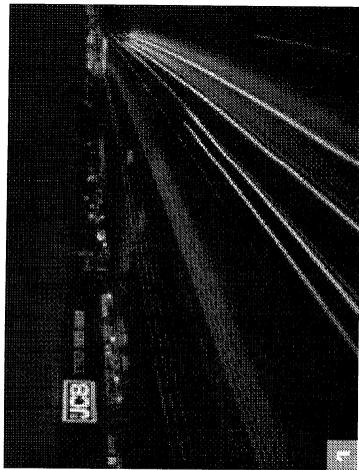
Dealer support.

- 4 All local JCB dealers have instant access to factory expertise and technical support to provide you with the maximum machine uptime. JCB's Global Parts Centres, meanwhile, deliver around 95% of all parts anywhere in the world within 24 hours.



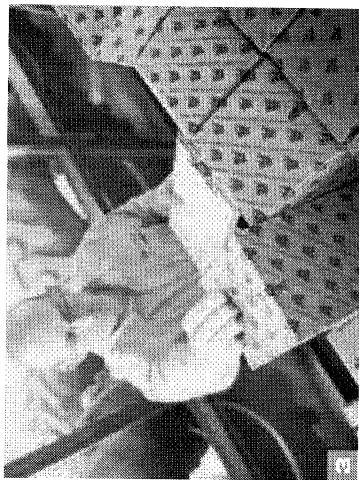
VALUE ADDED.

JCB'S WORLDWIDE CUSTOMER SUPPORT IS FIRST CLASS. WHATEVER YOU NEED AND WHEREVER YOU ARE, WE'LL BE AVAILABLE QUICKLY AND EFFICIENTLY TO HELP MAKE SURE YOUR MACHINERY IS PERFORMING TO ITS FULL POTENTIAL.

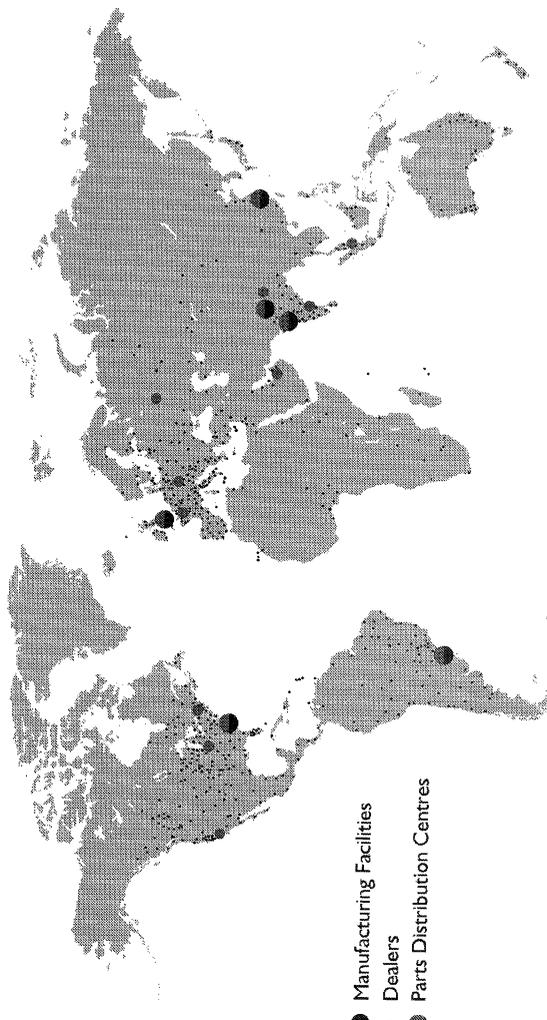
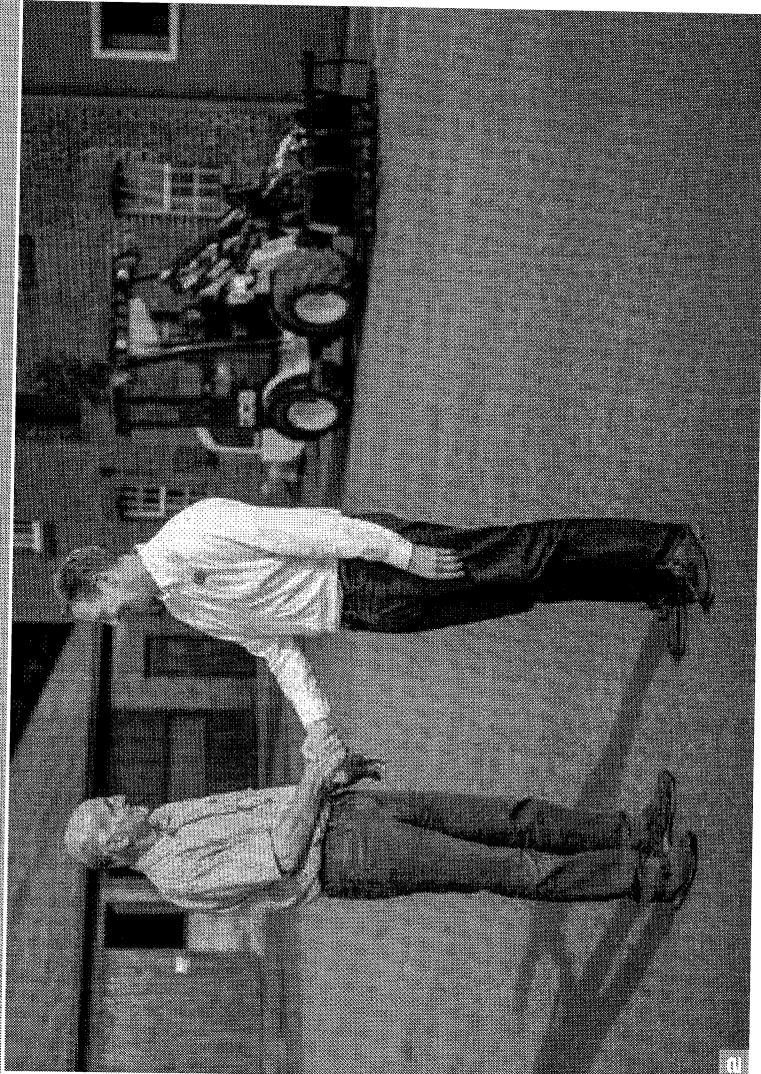


1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

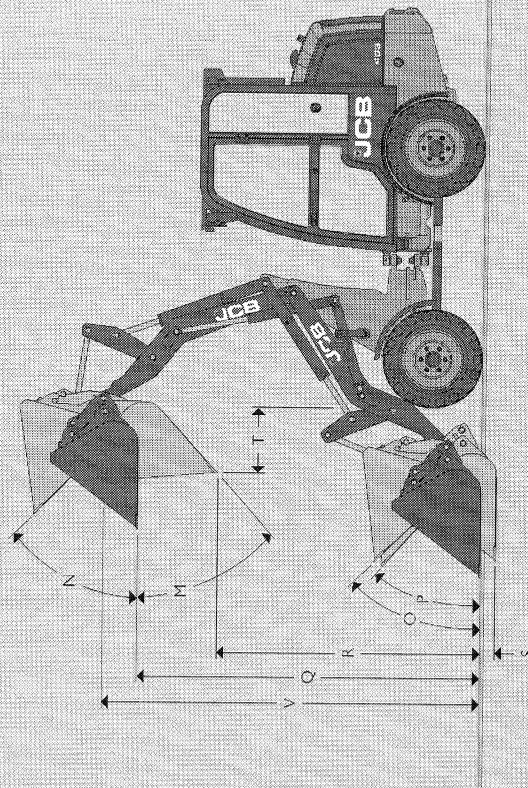
2 JCB Assetcare offers comprehensive extended warranties and service agreements, as well as service-only or repair and maintenance contracts. Irrespective of what you opt for, our Maintenance teams around the world charge competitive labour rates, and offer non-obligation quotations as well as fast, efficient insurance repair work.



3 The global network of JCB Parts Centres is another model of efficiency; with 16 regional bases, we can deliver around 95% 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.



LOADER DIMENSIONS



	Standard Loader Arm		High Lift Loader Arm	
	Agricultural	Quicktech	Agricultural	Quicktech
Shovel mounting				
Shovel type				
Shovel capacity (SAE hooper)	m ³	0.34	0.43	0.34
Shovel capacity (struck)	m ³	0.27	0.34	0.27
Shovel width	mm	1200	1480	1200
Shovel weight	kg	132	154	132
Maximum material density *	kg/m ³	1195	1387	1195
Tipping load straight *	kg	1493	1471	1296
Tipping load full turn *	kg	1215	1193	1037
Payload *	kg	608	597	519
Maximum breakout force	kN	12.6	16	12.6
Dump angle maximum	degrees	42	42	45
Roll back angle full height	degrees	45	45	47
Roll back at carry	degrees	46	46	46
Roll back at ground level	degrees	46	46	46
Load over height	mm	2617	2617	2820
R Dump height (45 deg dump)	mm	2008	2140	2187
S Dig depth	mm	115	115	194
T Reach at dump height	mm	506	359	568
V Pin height	mm	2882	2882	434
Reach maximum (45deg dump) - Horizontal arm	mm	1769	1644	3090
Operating weight with canopy enclosure and wide industrial tyres (includes 75kg operator and full fuel tank)*	kg	2512	2512	2167
			2526	2526

TYRE SIZE

Tyre size	Manufacturer	Type	Op weight kg	Standard Arms				High Lift Arms				Dimensions		
				STL kg	FTTL kg	STL kg	FTTL kg	Shovel	Forks	STL kg	FTTL kg	STL kg	FTTL kg	Vertical mm
31x15.50-15	BKT	Skidpower HD Wide Industrial Tyre	0	0	0	0	0	0	0	0	0	0	0	0
31x15.50-15	BKT	TR315 Wide Agricultural Tyre	-28	-41	-22	-36	-25	-38	-21	-31	-2	-74		
10/75-15.3	BKT	AS507 Agricultural Tyre (Narrow off-Set)	-68	-79	-55	-64	-60	-68	-50	-56	-11	-250		
10/75-15.3	BKT	AS507 Agricultural Tyre (Wide off-Set)	-68	-79	-55	-64	-60	-68	-50	-56	-11	+2		
10/75-15.3	BKT	MP567 Industrial Tyre (Narrow off-Set)	-60	-72	-48	-58	-53	-62	-44	-51	0	-236		
10/75-15.3	BKT	MP567 Industrial Tyre (Wide off-Set)	-60	-72	-48	-58	-53	-62	-44	-51	0	+16		

OPERATOR ENCLOSURE

Type	Operating weight kg	Standard Arms				High Lift Arms			
		STL kg	FTTL kg	STL kg	FTTL kg	Shovel	Forks	STL kg	FTTL kg
Canopy	0	0	0	0	0	0	0	0	0
Cab	190	191	176	173	161	179	166	165	155

LOADER HYDRAULICS

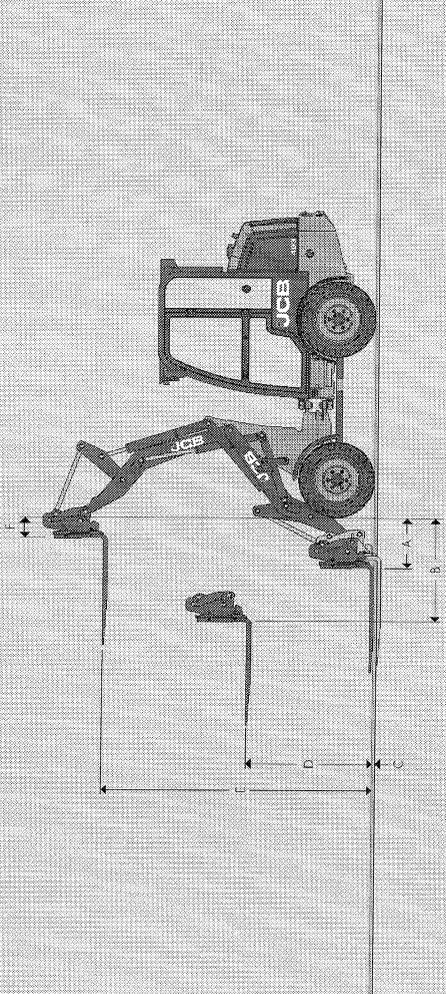
Pump type									
Pump 1 max. flow									Gear
Pump 1 max. pressure									40.5
Max. auxiliary flow rate - single line									180
Max. auxiliary flow rate - second line									40.5
Hydraulic cycle times at engine revs									seconds
Arms raise (full bucket)									4.1
Bucket dump (full bucket)									2.7
Arms lower (empty bucket)									3
Total cycle									10.1

AXLES

Type	Standard
Make and model	ZF MT-L 3010 II (front), ZF MT-L 3010 II (rear)
Overall axle ratio	21.55 : 1
Chassis angle	degrees ± 6

All available with open differential or open differential with manual locking.

LOADER DIMENSIONS - FORK FRAME WITH FORKS



	Standard Arms	High Lift Arms
Fork carriage width	1100 mm	1100
Length of tines	1070 mm	1070
A Reach at ground level	489 mm	815
B Reach at arms horizontal	1029 mm	1266
C Top of tine above ground with arms down	40 mm	40
D Arms, horizontal height	1265 mm	1265
E Arms, max. height	2702 mm	2910
F Reach at max. height	159 mm	311
Tipping load straight*	1465 kg	1001
Tipping load full turn (45°)*	1171 kg	801
Payload*	937 kg	641
Attachment weight	179 kg	179
Operating weight with canopy enclosure and wide industrial tyres (includes 75kg operator and full fuel tank)*	2196 kg	2510

* At the centre of gravity distance 500mm. Based on 80% of FTL as defined in ISO 14397-1:2007.

SERVICE FILL CAPACITIES

Hydraulic system	litres	40
Fuel tank	litres	48
Engine oil including filter	litres	6.7
Axle oil (front)	litres	3.2
Axle oil (rear)	litres	3.9
Engine coolant system	litres	6.5

ELECTRICAL OUTPUT

System voltage	volts	12
Alternator output	Ah	60
Battery capacity	Ah	72

NOISE AND VIBRATION

	Uncertainty	Measurement conditions
Noise at the operator station	4pA 86 dB	+/- 1 dB
Noise emission from the machine	LWA 10 LdB	+/- 1 dB
Whole body vibration	m/s ² 0.5	+/- 0.11 dB
Hand-arm vibration	m/s ² 2.5	N/A

Determined in accordance with the test method defined in ISO 6396 and the dynamic test condition defined on 2000/14/EC.
 Guaranteed equivalent sound power (external noise) determined in accordance with the dynamic test conditions defined in 2000/14/EC.
 ISO 2632-1:1997 normalised to an 8h reference period and based upon a test cycle comprising of loader work (sol).
 ISO 5349-2:2001 dynamic test conditions.

EQUIPMENT

SERVICE AND MAINTENANCE

Grease gun	+
Wheel nut wrench	•

ELECTRICAL

Worklights front, reverse light rear	+
Amber rotating beacon - 12V	+
Road lights	+
Number plate bracket with light	+

DRIVETRAIN

20kph transmission	•
30kph transmission	+
20kph transmission, manual dif-lock	+
30kph transmission, manual dif-lock	+

OPERATOR STATION

Cabonly	•
Fully glazed cab	+
Heater/dimming box (cab only)	•
Joystick auxiliary controls	+
12V in cab power socket	•
ROPS/FOPS safety structure	•
Interior light (cab only)	•
Front primary display dash	•
Two speed intermittent front windshield wiper/wash and self-park (cab only)	•
Single speed rear windshield wiper/wash and self-park (cab only)	•
Cup holder	•
Steering wheel spinner knob	•
Loader control isolator pin	•
Horn	•

STANDARD

OPTIONAL

FRONT PRIMARY DISPLAY

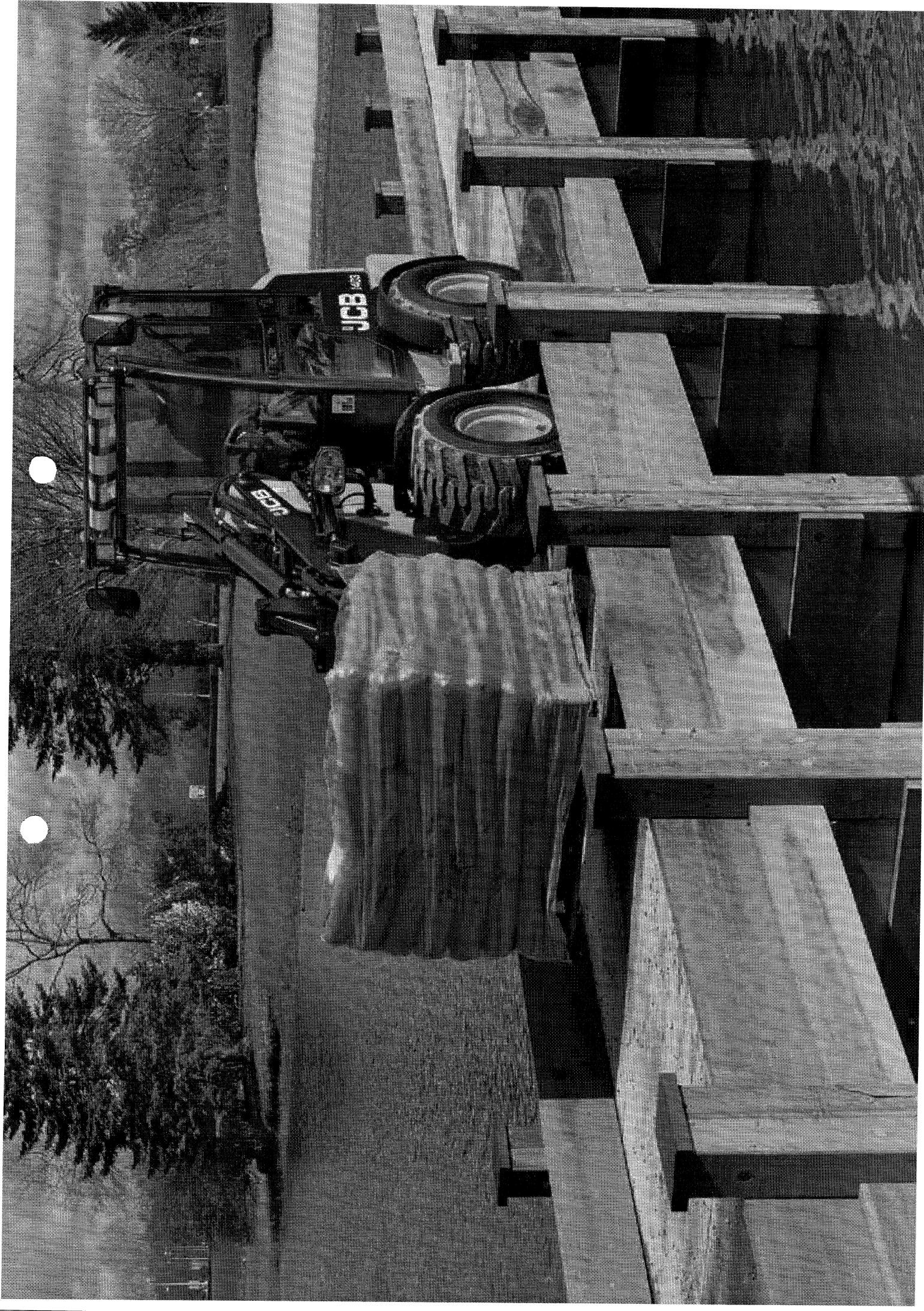
Warning lights	•
Direction indicators	•
High coolant temperature	•
Battery charging condition	•
Fuel gauge	•
Engine oil pressure	•
Hazard lamps	•
Park brake state	•
Road lights	•
Main beam lights	•
Engine pre-heat	•
High and low speed	•
Machine hours	•
Buzzer alerts	•
Operator presence	•

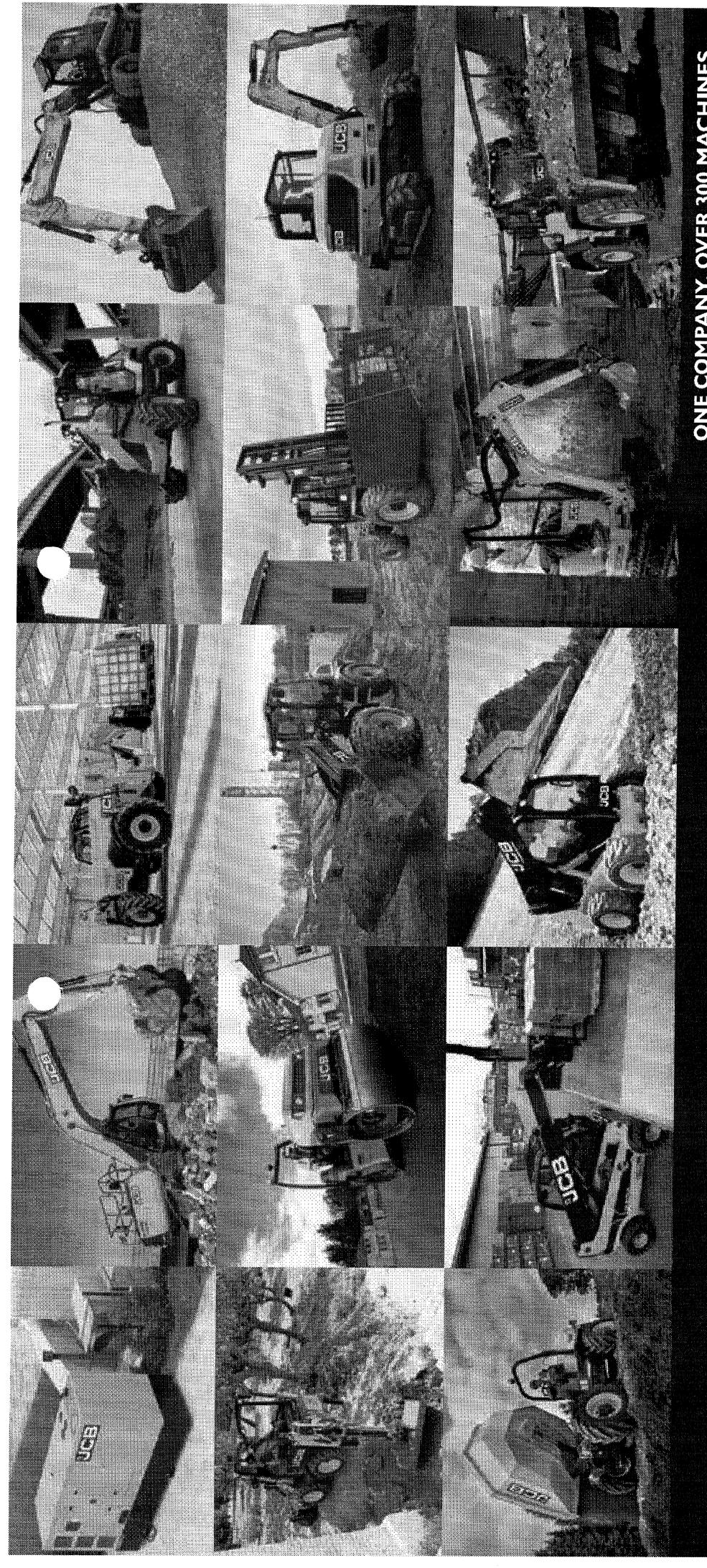
HYDRAULIC SYSTEM

Hydraulic quick-hitch with in-cab isolator	•
Auxiliary hydraulic service	•
Secondary auxiliary hydraulic service	+
Front header float	•
Indicator glass for hydraulic oil level	•
Hydraulic oil cooler	•

EXTERNAL EQUIPMENT

Front fenders	•
Rear fenders (with wide tyres)	•
High lift loader arms	+
Belly guard protection plate	•
Recovery hitch	•
Lifting / tie down lugs	•
Articulation joint safety strut	•





ONE COMPANY, OVER 300 MACHINES.

Your nearest JCB dealer

WHEEL LOADER 403

Max. engine power: 26kW (36hp)

Operating weight cab: 2542kg, canopy: 2452kg Standard shovel capacity: 0.4m³

JCB Sales Limited, Rocester, Staffordshire, United Kingdom ST14 5JP.

Tel: +44 (0)1889 590312 Email: salesinfo@jcb.com

Download the very latest information on this product range at: www.jcb.com

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