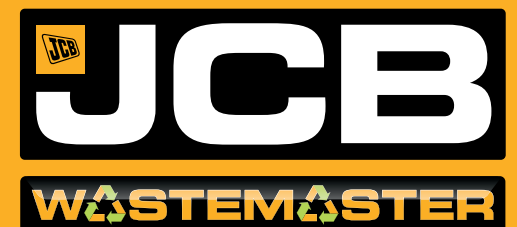




**WASTE AND RECYCLING** | INDUSTRY SOLUTIONS



## AN ONGOING COMMITMENT.

JCB UNDERSTANDS THE UNIQUE REQUIREMENTS OF WASTE AND RECYCLING, WHICH IS WHY WE DESIGNED OUR WASTEMASTER MACHINES SPECIFICALLY TO COPE WITH THEM. OUR 35-STRONG RANGE IS THE WIDEST OF ANY MANUFACTURER, SO YOU CAN REST ASSURED THERE'S A WASTEMASTER FOR ANY APPLICATION.



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## JCB WASTEMASTER RANGE.

**MACHINES IN THE WASTEMASTER RANGE ARE BUILT TO THRIVE IN ARDUOUS CONDITIONS, WITH LEGENDARY JCB BUILD QUALITY AND DEPENDABILITY AS STANDARD. A HOST OF SPECIALIST FEATURES PROVIDE EXTRA PROTECTION FOR BOTH EQUIPMENT AND OPERATORS.**

We design Wastemasters using our extensive expertise of the challenges faced by the waste and recycling industry today. That's why we're constantly developing innovative new solutions to everything from handling hazardous waste to coping with time-consuming punctures.

Cabs on Wastemaster machines are designed to be fully enclosed shells that minimise dust and debris, as well as protecting operators from falling material. Screen and roof guards come as standard, and we often use unbreakable steel panels instead of glass windows.

Air conditioning is fitted to most models in the range. This maintains comfortable temperatures in the operator environment, even when the windows are closed. There's a choice of filters to minimise dust and pollutants too.





Wide core engine cooling packs are used on most of our Wastemasters. This equipment allows small debris particles to pass through radiators without causing blockages. We also offer auto reversing fans to remove larger material and help prevent overheating.

As well as offering excellent protection for machinery and operators, the Wastemaster range has safety features to help protect staff working nearby too. To give you an idea, we use side and rear-facing cameras, reversing alarms, high visibility chevrons and proximity warning systems on various machines.

In short, the Wastemaster range caters for every waste application, from handling bales to loading trucks and performing bulk or general handling duties. So our 35-strong model line-up offers you the right machine for whatever task you're facing.





# MATERIAL HANDLERS.

## 1. Excellent visibility

Hydraulic raised cab for maximum operator visibility of the job.

## 2. Increased safety

Optional safety rails help protect against falls from height.

## 3. Purpose built

Welded stabiliser mountings and centrally mounted slew offer maximum durability and 360-degree stability\*.

## 4. Specialised boom

Dedicated straight booms for maximum reach and load over heights.

## 5. Maximum versatility

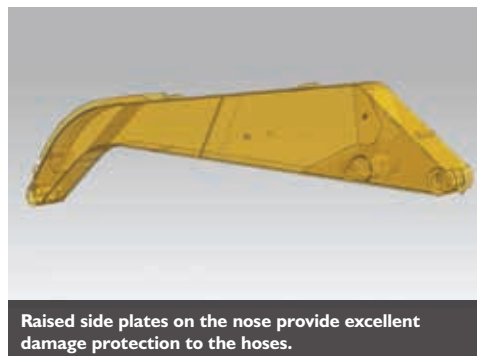
Choice of dipper configuration for flexibility and versatility.

\*Machine dependent





High-strength rigid upper frame provides maximum durability and support.



Raised side plates on the nose provide excellent damage protection to the hoses.



Positive pressure in the cab helps to keep out dirt and dust.



Solid tyres ensure stability and puncture-free performance.



External cab lowering system can be operated from ground level in an emergency.

		JS20MH	JS220	JS200W
Engine power	kW (hp)	93 (125)	129 (173)	129 (173)
Operating weight	kg	20680	23910	23600
Undercarriage options		Solid tyres (dual)	600, 700, 800, 900mm	Solid tyres (dual)
Width with stabs deployed	mm	3586	N/A	3938
Dipper lengths	mm	3600, 4000	4000, 5000	4000, 5000
Maximum pin height	mm	10826	11981	12250
Maximum pin reach	mm	9046	11300	11300
Lift capacity at full reach (MH,SH)	kg	2730, 2960	3230, 3160	3230, 3160
Eye height with cab raised	mm	4839	4641	4904



## TRACKED/WHEELED MATERIAL HANDLING.

### 1. Fully protected

Optional screen guards protect the operator from flying debris.

1

5

### 5. See further

Optional hydraulic raised cab improves visibility across the work site.

2

### 2. Maximum flexibility

Various optional pipework configurations let you use a huge range of attachments.

4

### 3. Designed for the job

Choice of stabiliser and dozer combination for maximum machine versatility.

3

### 4. Built-in safety

Cab lowering system can be operated from ground level.





Waste handlers are available with either a monoboom or TAB.



New in-cab monitor checks oil levels and system errors on start-up.



Wide variety of attachments available.



Positive pressure in the cab helps to minimise dirt and dust.

		JS145	JS160	JS220	JS145W	JS160W	JS175W	JS200W
Engine power	kW (hp)	81 (109)	93 (125)	129 (173)	93 (125)	93 (125)	129 (173)	129 (173)
Operating weight (dozer, rear stabs)	kg	16084	19200	23540	18154	18673	19030	24497
Undercarriage options		600, 700, 800, 850, 900mm	500, 600, 700, 800, 900mm	600, 700, 800, 900mm	Single / Dual / Solid	Single / Dual / Solid	Single / Dual / Solid	Single / Dual / Solid
Width with stabs deployed	mm	N/A	N/A	N/A	3550	3550	3550	3966
Boom options		Monoboom/TAB	Monoboom/TAB	Monoboom/TAB	Monoboom/TAB	Monoboom/TAB	Monoboom/TAB	Monoboom/TAB
Dipper length options	m	2.1, 2.5, 2.7, 3.0	2.25, 2.7, 3.05	1.91, 2.40, 3.0	2.1, 2.5, 3.0	2.25, 2.7, 3.05	2.25, 2.7, 3.05	1.9, 2.4, 3.0
Maximum loadover height	mm	7188	8000	8070	7400	7174	7174	6980
Maximum reach at ground level	mm	8660	8652	9810	8585	9163	9163	9850
Eye height with cab raised (no stabs deployed)	mm	4520	4640	4671	4809	4839	4839	4904



# WHEEL LOADER.

## 1. Highly efficient

Automatic idle returns the engine to 700rpm after 30 seconds of inactivity.

## 2. Maximum protection

Full width counterweight\* protects bonnet and cooling pack from damage.

## 6. Armed and ready

Choice of loader arm length and configuration for total versatility.

## 5. Well protected

ROPS and FOPS cabs are positively pressurised to minimise dust and increase operator comfort and safety.

## 3. Giving great service

Widcore radiators and optional reversing fan boost cooling efficiency in arduous environments.

## 4. DPF free

Meets emission regulations without needing a DPF; reduces costs, downtime and the fire risks associated with regeneration.

\*Machine dependent





Proportional auxiliary hydraulic flow provides great versatility for attachment use.



Optional auto lubrication kit takes care of machine greasing requirements.



JCB Smoothride load suspension limits shock loadings, reducing material spillage.



Rear lights are safely recessed and protected by the solid counterweight.



JCB Command Plus cab has two LCD screens for easy access to operating menus. Adjustable steering column with seat mounted hydraulic controls.

		411 HT	417 HT	427 HT	437 HT	457 HT
Maximum gross engine power	kW (hp)	81 (109)	93 (125)	133 (179)	136 (183)	193 (258)
Maximum operating weight range	kg	8655 - 8965	9567 - 10452	13381 - 14229	14780 - 16103	20152 - 22255
Shovel capacity	m³	1.2 - 1.6	1.4 - 1.6	1.8 - 2.7	2.3 - 2.7	3.1 - 3.5
Full turn tipping load range	kg	5091 - 5585	3918 - 6129	6999 - 9478	5493 - 9851	7982 - 14719
Payload range	kg	2546 - 2793	1959 - 3065	3499 - 4739	2746 - 4926	3911 - 7359
Maximum breakout force	kN	67.7	70	138	153	175
Load over height	m	3.36	3.33 - 4.21	3.61 - 4.05	37.5 - 4.98	3.99 - 4.99



**TELETRUK.**

**1. Unique reach capability**

Unique telescopic boom offering over 3m horizontal reach.

**6. Safety guaranteed**

Maximum protection offered by ROPS/FOPS compliant operator enclosures.

**2. Lift and load**

The choice of Teletruk models offers up to 3,500kg lift capacity.

**5. Access all areas**

Turning radius from only 2.5m.

**3. Compact machine**

The small footprint allows you to work in narrow aisle widths.

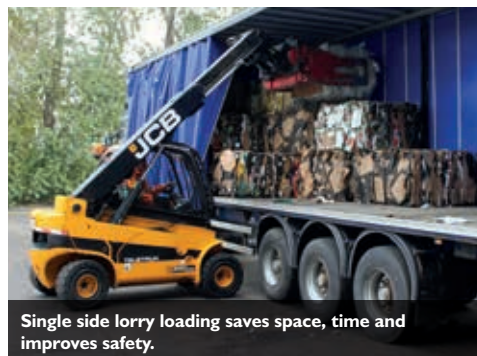
**4. Additional protection**

Full length belly guards to protect against component damage.





4WD for uneven ground.



Single side lorry loading saves space, time and improves safety.



Unique JCB Adaptive Load Control (ALC) system safeguards against overloading the machine.



Smaller models fit into a container for great versatility.



With a telescopic boom instead of a mast, the operator has unrivalled visibility.

		TLT25D/G	TLT30D/G	TLT30DHL	TLT30D 4X4	TLT35D	TLT35D 4X4
Maximum lift capacity	kg	2500	3000	3000	3000	3500	3500
Capacity @ 2m forwards reach	kg	1275	1750	1950	2000	2100	2400
Maximum lift height	mm	4000	4000	5150	4000	4400	4350
Maximum forwards reach	mm	2390	2390	3320	2390	2430	2450
Engine output (gross power)	kW	D-37/G-43	D-37/G-43	46	37	46	46
Turning radius	mm	2440	2490	2885	2995	2885	3500
Overall height (std/low)	mm	2190/2090	2205/2105	2205/2105	2300/2200	2205/2105	2300/2200
Overall width	mm	1175	1280	1280	1400	1280	1400



# TELESCOPIC HANDLER.

## 1. Unrivalled versatility

Auxiliary hydraulic feed powers a wide range of optional attachments.

## 2. EcoMax serviceability

JCB EcoMax T4F engines don't need DPFs or exhaust after treatment. \*\*

## 6. Maximum protection

Belly and fuel tank guards, boom wipes and a steel lower door panel are all fitted as standard \*.

## 3. Operator safety

Extra cab filtration and air conditioning help minimise airborne dust and particles while roof and screen guards protect the operator.

## 4. Efficient design

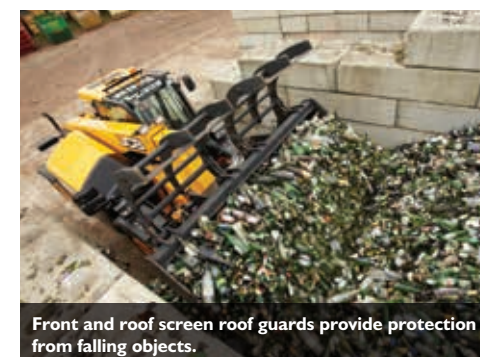
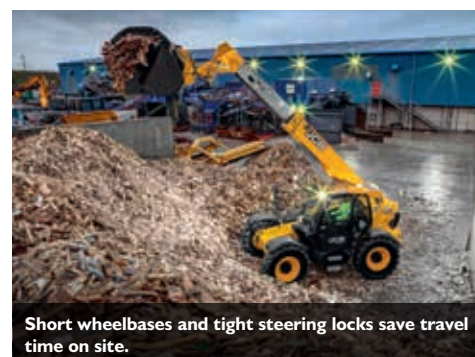
JCB Smart Hydraulics and JCB EcoMax T4F\*\* engines result in fuel savings of up to 18% over our Tier 3 models.

## 5. Puncture protected

Optional semi solid tyres prevent downtime from punctures.

\*Machine dependent \*\*Dependent on region





		527-58WM	531-70WM	541-70WM	550-80WM	560-80WM
Engine power	kW (hp)	81 (109)	81 (109)	81 (109)	93 (125)	93 (125)
Unladen weight (includes guarding)	kg	6150	7870	8370	10440	11040
Height over cab *	mm	2150	2490	2490	2590	2590
Width over tyres *	mm	2100	2340	2340	2420	2520
Turn radius	mm	3460	3700	3700	4100	4100
Maximum lift height	mm	5800	7000	7000	8100	7900
Maximum lift capacity	kg	2700	3100	4100	4999	6000
Lift capacity at full reach	kg	1250	1250	1500	1500	1750 @ 500mm Load Centre 1700 @ 600mm Load Centre

\* Dependent on tyre.



## BACKHOE LOADER.



### 1. Extensive reach

7.10m excavator unit allows you to move material around containers, optimising compaction and loading.

### 2. Safety is everything

Alarm to warn operators if doors are opened while machine is raised.

### 3. Waste Multi Shovel

Integrated stabiliser legs afford great visibility and reach during compacting or sorting, while also allowing easy stockpiling/rehandling.

### 4. Fully protected

Extra protection on the boom, lights and tyres helps cope with any environment.

### 5. Reaching new heights

Extended rear stabiliser legs increase lift height by 400mm and provide optimum visibility into the container.





Heavy-duty arms handle the rigours of a Civic Amenity site.



Various loader attachments can clear up material spills quickly and easily.



JCB Sweeper Collector attachment is an efficient choice for keeping sites clean.



Liquid-filled tyres seal minor punctures easily for reduced downtime.



Extended stabiliser legs provide superb visibility into the container and around the site.



All in a day's work for the JCB 5CX Wastemaster.

		5CX WM
Engine power	kW (hp)	81 (109)
Unladen weight	kg	10600
Maximum machine raise height	mm	640
Loader maximum pin height	mm	3460
Pallet forks maximum lift height	mm	3280
Excavator maximum reach	mm	7100
Minimum travel height	mm	3970
Maximum road travel speed	kph	40



## SKID STEER LOADER.

### 1. PowerBoom strength

A single JCB PowerBoom boasts up to 20% more steel than our rivals' twin-arm designs.

### 2. A revolution in safety

Unique single arm boom configuration allows operators to enter cab without climbing over the attachment.

### 3. Maximum versatility

Optional high flow hydraulics allow operation of a vast range of attachments.

### 4. Tailored solutions

Vertical or radial lift patterns provide ultimate flexibility and choice.

### 5. Easy maintenance

Tilting cab allows maintenance to be carried out quickly and easily.

### 6. Comfort as standard

Cabs up to 46% larger than the competition provide unparalleled operator comfort.







JCB skid steer range offers over 30 different attachment types.



Single arm low slung boom provides unrivalled visibility to left and right.



JCB's optional 2-speed transmission helps achieve quicker travel and cycle times.



Maximum lift capacity at maximum height and reach.



Operator access via a door over twice the size of rival machines.

		155	225	225T	260	260T	280	300	300T	320T	330	TELESKID TS-8W
Engine Power	kW (hp)	42 (56)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)
Rated Operating Capacity (50%)	kg	703	1021	1458	1179	1812	1270	1361	1957	2074	1495	611 (fully extended)
Rated Operating Capacity (35%)	kg	-	-	1021	-	1179	-	-	1361	1452	-	-
Operating Weight	kg	2900	3712	4766	3933	4987	3985	4085	5079	5238	4396	4472
Pin Height	m	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.05 (fully extended)
Height over Cab	m	1.98	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
Width over tyres	m	1.6	1.8	1.9	1.8	2.0	1.8	1.8	2.0	2.0	1.9	1.8
Shovel corner turning radius	m	2.1	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Lift path		Radial	Radial	Radial	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Radial & Vertical



# TELESCOPIC WHEEL LOADER.

## 1. On guard

Front and top window screen guards give increased protection against falling debris.

## 2. Well protected

Front and rear light guards protect against damage.

## 3. Strength you can rely on

Tough, inverted U-shape boom pressing features fully welded closing plates for ultimate strength.

## 5. In control

Seat mounted joystick features gear change for ease of use and improved multi-functioning.

## 4. Total coverage.

Steel front fender options increase impact resilience.

## 6. EcoMax performance

4.4 litre JCB engine gives high performance at low revs for increased cycle times.



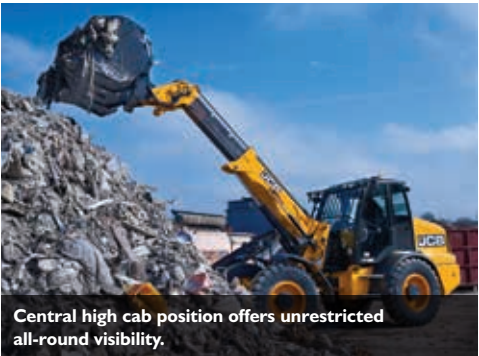




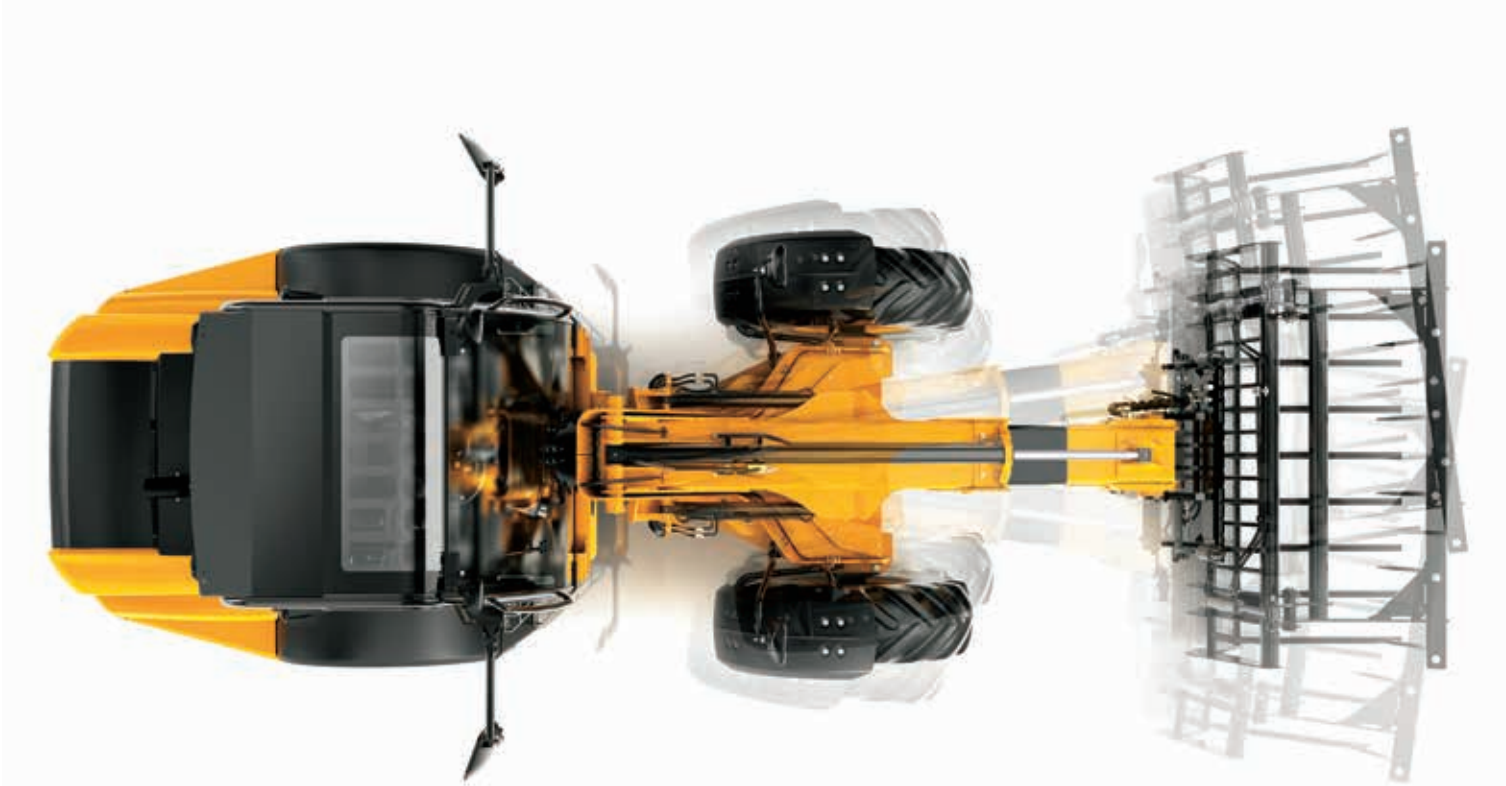
Substantial belly plates shield engine and driveline from impact damage.



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



Central high cab position offers unrestricted all-round visibility.



Articulated steering and a telescopic boom allow accurate positioning of loads.



Carbon cab air filters help to guard against dust ingress.

		TM320WM
Engine power	kW (hp)	93 (125)
Operating weight	kg	8160
Height over cab	mm	2705
Width over tyres	mm	2264
Turn radius	mm	4633
Lift capacity	kg	3200
Load over height	mm	5182



## 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 FUEL REPORTS AND HISTORY INFORMATION, WITH ALL DATA STORED AT A SECURE CENTRE.**

### Productivity and cost benefits

By providing information like idle time monitoring and machine fuel consumption, JCB Livelink helps reduce your fuel usage, saving money and improving productivity. Machine location information can help improve efficiency and perhaps even reduce insurance costs.



### 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.



### 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 unauthorised usage, straight to your mobile phone. Further benefits include real-time location information, and LiveLink has its own internal battery and aerial.





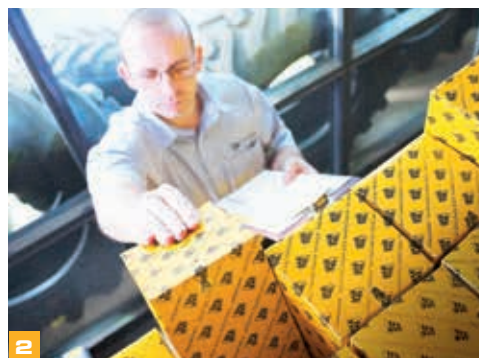
## VALUE ADDED.

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.

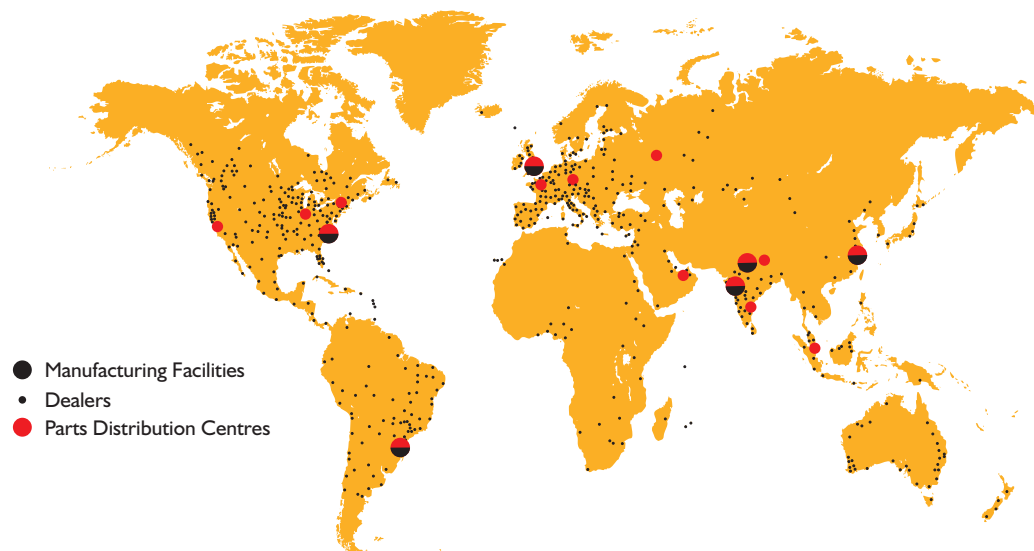


**1** Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

**2** 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.



**3** 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.



*Note: JCB LIVELINK and JCB ASSETCARE may not be available in your region, so please check with your local dealer.*





**ONE COMPANY, OVER 300 MACHINES.**

Your nearest JCB dealer

## WASTE AND RECYCLING INDUSTRY SOLUTIONS

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Download the very latest information on this product range at: [www.jcb.com](http://www.jcb.com)

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