



ATTACHMENTS | CONTRACTOR BREAKER RANGE

A range of models to suit 0.8 – 50 tonne machines



INTRODUCING JCB CONTRACTOR BREAKERS.

WHATEVER THE CHALLENGE IN FRONT OF YOU, JCB CONTRACTOR BREAKERS ARE HERE TO PROVIDE YOU WITH ALL THE FEATURES YOU NEED TO MAKE AN IMPACT, WHATEVER YOUR INDUSTRY. THE JCB CONTRACTOR BREAKER RANGE HAS BEEN DESIGNED SPECIFICALLY FOR JCB MACHINERY AS WELL AS OTHER BRANDS OF EXCAVATOR AND BREAKER TOOL CARRIER.



SPECIFICATIONS														
Hanger options / Breaker model	HM012T	HM018T	HM026T	HM033T	HM049T	HM054T	HM080T	HM090T	HM120T	HM160T	HM180T	HM200T	HM270T	HM380T
Top mounted hanger	x	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fixed side mounted hanger	✓	✓	✓	✓	✓	x	x	x	x	x	x	x	x	x
Universal (no hanger)	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓



SPECIFICATIONS															
Breaker model	HM012T	HM018T	HM026T	HM033T	HM049T	HM054T	HM080T	HM090T	HM120T	HM160T	HM180T	HM200T	HM270T	HM380T	
JCB machine	8008 - 8018CTS	8020 - 8035CTS, 1CX, 1CXT	8030 - 8050CTS, 48Z-I - 57C-I, 2CX, 3CX Compact	8052 - 8086, 48Z-I - 100C-I, JSB1, 260 - 330 SSL, 3CX, 4CX, 5CX, Hydradig 110W	4CX, 5CX	8080 - 8086, 85Z-I - 100C-I, Hydradig 110W	JS115 - JS145 (including JZ variants), JS145W	JS130 - JS145 (including JZ variants), JS160 - JS190, JS145W - JS200W	JS160 - JS190, JS160W - JS200W	JS200 - JS220 (including JZ variants), JS240 - JS260, JS200W	JS200 - JS260, JS200W	JS240 - JS290	JS290 - JS500	JS460 - JS500	
Carrier weight*	tonnes	0.5 - 2.0	1.5 - 4.0	3.0 - 6.5	4.5 - 8.0	4.5 - 8.0	6.0 - 10.0	8.0 - 12.5	10.0 - 15.0	12.0 - 18.0	18.0 - 24.0	20.0 - 26.0	24.0 - 30.0	28.0 - 42.0	40.0 - 60.0
Operating weight**	kg	120	187	260	330	420	545	800	900	1150	1580	1800	2000	2700	3800
Blow rate - long stroke	bpm	800 - 1400	600 - 1500	380 - 1000	380 - 900	400 - 800	350 - 700	350 - 600	350 - 550	320 - 550	320 - 480	340 - 450	270 - 400	230 - 400	230 - 330
Blow rate - short stroke	bpm	N/A	N/A	N/A	N/A	600 - 1100	490 - 1000	600 - 900	600 - 900	400 - 700	400 - 600	420 - 550	330 - 500	270 - 470	270 - 500
Tool diameter	mm	40	57	70	75	80	90	95	105	115	135	135	145	155	175
Oil flow	l/min	12 - 25	23 - 70	29 - 65	34 - 76	38 - 85	42 - 94	63 - 102	68 - 119	85 - 127	115 - 155	119 - 161	127 - 178	170 - 238	204 - 272
Pressure	bar	90 - 120	90 - 120	110 - 165	120 - 165	140 - 170	140 - 170	140 - 180	140 - 190	140 - 190	160 - 190	160 - 190	160 - 190	160 - 190	150 - 190
Impact energy***	j	300	560	1072	1393	1806	2282	3060	4110	4387	6135	6797	8455	11305	22469
Auto grease		x	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓
Blank fire		x	x	x	x	x	x	✓	✓	✓	✓	✓	✓	✓	✓
Noise level (boxed)	dBA	N/A	110	116	117	N/A	116	119	124	121	124	124	124	124	124
Noise level (side plate)	dBA	110	125	125	120	125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Universal models can be fitted on machines within the listed carrier weight range'. ** Operating weights are based on boxed version models except HM012T and HM049T which is based on side plate only. ***The Impact energy figures are based on a calculation and may not be an accurate indication.

TECHNOLOGY THAT WORKS HARD.

Premium productivity.

Each contractor breaker is fitted with accumulators, which protect your machine from pressure spikes, reducing wear on the hydraulic system and minimising the cost of ownership.

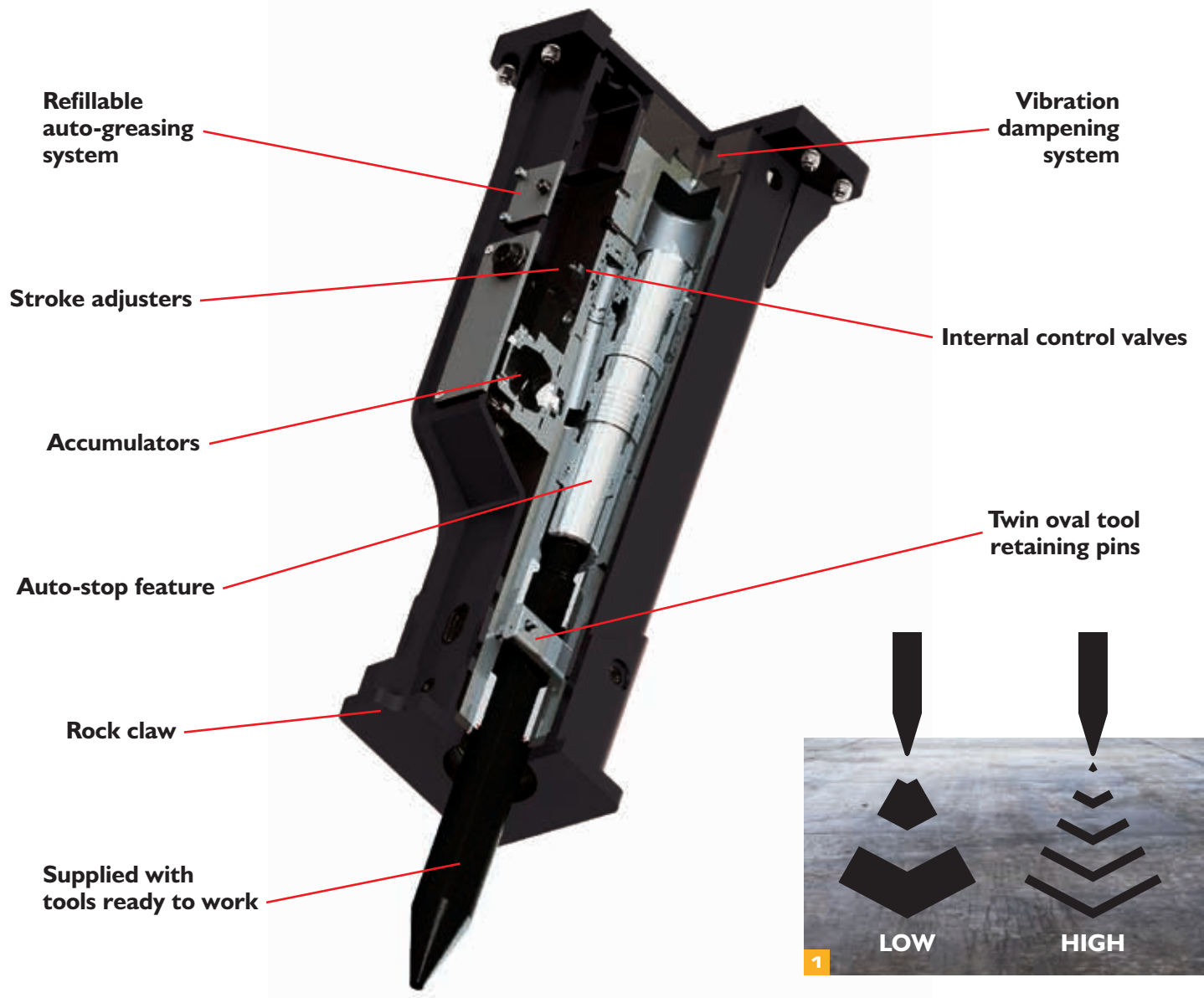
An internal control valve delivers higher efficiency and is far less vulnerable to damage compared to other brands of breaker featuring external units.

On boxed versions, sound-suppressing brackets and devices are applied for protection, making them ideal for urban applications.

1 Stroke adjusters fitted to the HM054T breaker and above allows the operator to adjust tool speed and stroke length for increased productivity and reduced risk of damage to the breaker or carrier. Two-speed control allows you to adapt the frequency for any application to increase productivity.

To reduce blank firing, there's an auto-stop feature. This prevents inexperienced operators from causing unnecessary wear and damage to the breaker.

Vibro Isolation rubber buffers absorb repercussion from hammering to minimise damage to your equipment and increase carrier durability.



Peace of mind.

1 For total peace of mind, we give you a three-year JCB Warranty on all major components as standard for no extra cost, including 12 months on all wear parts eg hoses, piston seals and tools. Warranty terms and conditions include the use of genuine JCB wear parts and regular servicing in line with the instructions given in the operator manual.



Tried, tested, tough.

These versatile breakers are fully approved and tested for flow, pressure, compatibility and fitment as part of every machine development programme we carry out. This, in turn, means that each unit is CE marked as appropriate.

The outer casing of a JCB contractor breaker is tough enough to tolerate potential operator misuse, lowering your overall cost of ownership.

The heavy duty rock claw made from hardox steel protects the breaker when used to shift material in readiness for breaking.

We've designed the range to offer unrivalled value for money (in terms of both price and rental cost) to the rental and construction sector.

The perfect match.

HM054T Breakers and below will be supplied with a chisel andmoil as standard and HM080T and above come with one tool (moil) as standard. There's also a full range of working tools to choose from for ultimate productivity. To guarantee the best possible productivity, efficiency, durability and reliability, it's essential that you choose the perfect tool for the work you're carrying out. The JCB breaker range can be equipped with several different options, each designed for specific tasks.

Pyramid Moil
This universal tool is ideal for layered rock and reinforced concrete, where twisting may occur.

Chisel/Transverse Chisel
A standard tool for penetrative work in mining, foundations, trenching, demolition etc.

Blunt
Use this tool for impact breaking tasks like mining, breaking oversizes or demolition.

Chisel

Transverse Chisel

Whatever your industry the JCB Contractor breaker range provides solutions for all applications.

APPLICATIONS					
Contractor Range	Primary Breaking	Secondary Breaking	Hardrock Removal	Soft Material Removal	Demolition
HM012T	-	-	-	•	-
HM018T	-	-	-	•	-
HM026T	-	-	-	•	•
HM033T	-	-	-	•	•
HM054T	-	-	-	•	•
HM080T	-	-	-	•	•
HM090T	-	-	•	•	•
HM120T	-	-	•	•	•
HM160T	-	•	•	-	•
HM180T	-	•	•	-	•
HM200T	-	•	•	-	•
HM270T	•	•	•	-	-
HM380T	•	•	•	-	-

MATERIAL	USE	SPECIFICATION	TOOL
Asphalt	Road surfaces	Soft structure	Chisel
Concrete	Thin floors, walls	Reinforced	Moil
		Non-reinforced	Chisel
	Thick floors, walls	Reinforced	Moil
		Non-reinforced	Chisel
	Foundations	Reinforced	Moil
		Non-reinforced	Moil
Sedimentary rock (limestone, sandstone etc.)	Recycling	-	Blunt
	Trenching, foundation work, primary quarry breaking	Heavily fissured	Chisel
		Lightly fissured	Moil
		Monolithic	Moil
	Breaking oversizes	-	Chisel
Crystalline rock (magma, greenstone, granite etc.)	Trenching, foundation work, primary quarry breaking	Heavily fissured	Chisel
		Lightly fissured	Blunt
		Monolithic	Blunt
	Breaking oversizes	-	Blunt

LESS SERVICING MORE SERVICE.



1 To ensure correct lubrication and maximum uptime all models compatible for use on machines weighing over 11 tonnes feature a refillable auto-grease system as standard.

2 Smaller models can be easily topped up using a hand held grease gun.

When operating JCB Hydraulic breakers it is essential to use the correct grease. JCB hammer grease provides highly efficient lubrication to ensure you get the most out of your breaker.

3 Not only that, each breaker comes with a gas charging kit ensuring operators have everything they need to gas the breaker, saving time on site.

Oversized retainer pins help to ensure a long service life, while heavier models feature twin oval tool retaining pins. This design offers double the service life between changes because you can rotate the pins so that they wear evenly across both sides.

There's no need to strip your breaker down in order to service it. What's more, our entire range follows one simple scaled design, which means that even if you operate a fleet of mixed-size machines, you'll only need to train service staff once.

Ready to go.

JCB contractor breakers are supplied ready to work hard. If you buy one with a new JCB machine or for an existing machine, we'll include all the hanger brackets, hydraulic hoses and tooling you need to get straight to work. If you operate a mixed fleet there's also a universal option available without a hanger bracket giving you the flexibility to retro-fit a hanger for use on other brands of equipment.

4 The side mounted hanger option available on HM012T to HM049T models enables the breaker to tuck in close to the dipper without damage for safe stowage when roading or transporting the machine.

With a JCB quickhitch it is even safer and quicker to change attachments on site reducing down time and increasing productivity.

JCB Breakers can be easily adapted for specialist applications such as underwater use with an optional underwater kit available on request on the HM080T model and above.



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.

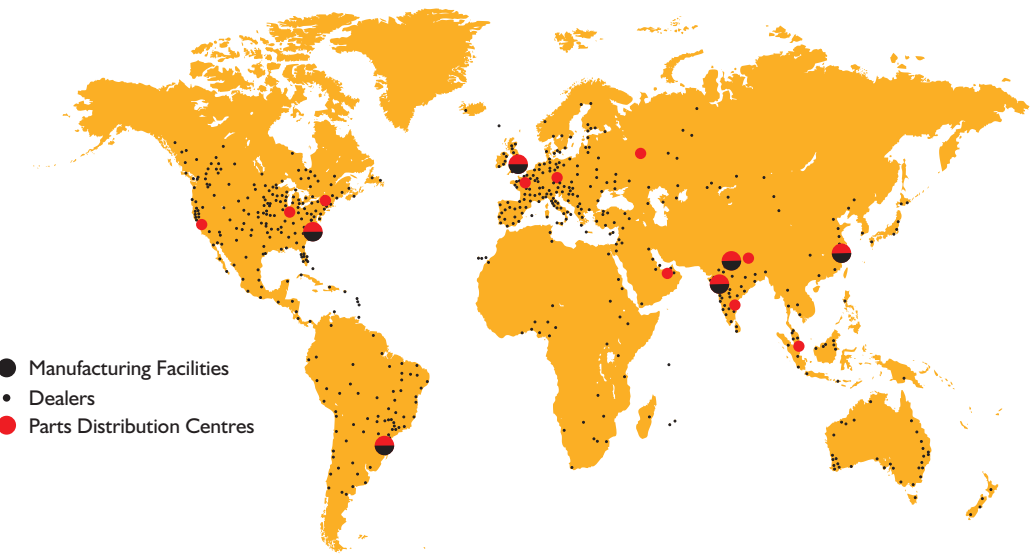


1 Our Technical Support Service provides instant access to factory expertise, day or night, while our Finance and Insurance teams are always on hand to provide fast, flexible, competitive quotes.

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

Attachments Contractor Breaker Range

A range of models to suit 0.8 – 50 tonne machines.

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

©2009 JCB Sales. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any other means, electronic, mechanical, photocopying or otherwise, without prior permission from JCB Sales. All references in this publication to operating weights, sizes, capacities and other performance measurements are provided for guidance only and may vary dependant upon the exact specification of machine. They should not therefore be relied upon in relation to suitability for a particular application. Guidance and advice should always be sought from your JCB Dealer. JCB reserves the right to change specifications without notice. Illustrations and specifications shown may include optional equipment and accessories. All images are correct at time of print. The JCB logo is a registered trademark of J C Bamford Excavators Ltd.

