

COMPACT & MEDIUM | HAMMERMASTER



**Compact & Medium Hammermaster**





# The perfect partner for your machine



Whichever mini, midi excavator or backhoe loader you're partnering it with, from the 8010 to the 4CX, the JCB Hammermaster is engineered for a perfect match to help every machine achieve its full potential.

## **Increased productivity**

Best-in-class power rates mean JCB compact and medium Hammermasters can do more work, faster, while greater impact energy gives you extra output. And if you add high power and high efficiency together, what do you get? Increased productivity with less wear and tear to your machine coupled with low operating costs.

## **Maximum performance**

Clever design and careful manufacture ensures each breaker delivers optimum energy efficiency. And all these breakers features a hydraulic brake to dampen out internal pressure spikes, protecting the carrier machine. There's also an exact match of tool and piston diameters to ensure full transfer of power, and optimised mounting-point geometry ensures safe stowage on JCB machines.

## **Versatile range**

The Range of JCB compact and medium Hammermasters includes: Universal breakers which, with the right hanger bracket, allow you to achieve a fit with non-JCB machines. High tolerance to a wide range of oil flows and back pressure ensures compatibility with a wider range of machinery. Quiet breakers that are environmentally friendly and ideal for working in urban areas. A wide choice of breaker tools to get the best out of your Hammermaster.

## **Complete package**

Designed for ultimate productivity, reliability and versatility, no breaker works harder for longer than a JCB Hammermaster. Plus, most of the products in the range are supplied ready for use and all are supported by JCB's legendary after sales support, with an extensive parts and labour warranty, for total peace of mind.



# Compact Hammermasters:

**HMI100, HMI100Q, HMI115, HMI40, HMI40Q**

From the 8010 to the 1CX, fitting a JCB compact Hammermaster means you can get a whole lot more out of your compact machine.

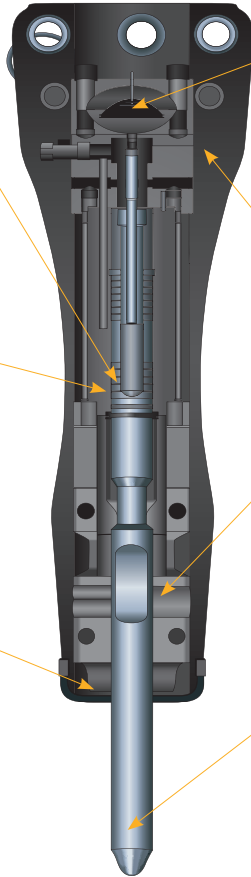
JCB compact Hammermasters are amongst the most efficient hydraulic breakers available. They are perfectly matched to the JCB carrier machines to give you maximum performance and output.



Properly matched tool and piston ensures maximum energy transfer for the material being broken.

A hydraulic brake protects the internal hammer components under normal operation and during blank firing.

A grease retention seal to enable grease to be retained in the lower tool bush area ensures longer component life and smooth operation. Our specially formulated JCB hammer grease ensures long tool and tool bush life.



The sealed-for-life accumulator maintenance-free for minimum downtime, and only needs recharging during a full rebuild.

JCB-designed, full-length side plates so that the breaker power cell is fully protected against accidental damage.

Twin tool retention pins extend tool life and reduce wear.

Every product in the compact Hammermaster range is supplied with onemoil point and one chisel as standard, and is delivered ready for use, complete with grease gun and grease and, except for 'universal' builds, hoses, adaptors and couplings.



# Medium Hammermaster

HM166Q, HM266Q, HM386Q, HM495Q

To maximise your machine's capability, the JCB medium range of Hammermasters are extremely efficient and fully matched to JCB carrier machines – you can't get better performance and output.

## High durability

JCB Hammermasters are designed to work hard in tough conditions and to cope with the demands of the hire market. A robust housing system provides excellent protection to your investment, and class-leading tool diameters gives higher resistance to failures and improves wear rates.



The sealed-for-life accumulator is maintenance-free for minimum downtime, and only needs recharging during a full rebuild. Diaphragm support reduces wear.

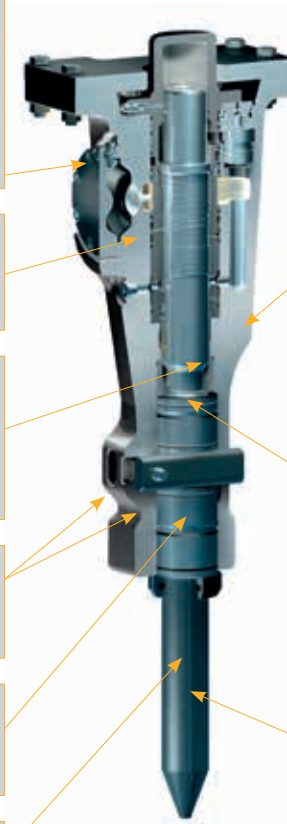
JCB mid-range breakers are silenced as standard for urban applications.

A hydraulic brake protects the internal hammer components under normal operation and during blank firing.

Twin, oval tool retention pins extend tool life and reduce wear.

Floating bottom bush design (not on HM495) is easier to replace.

Large diameter tool give greater use of blow energy to boost productivity.



Slimline construction makes Hammermasters ideal for confined applications and gives good down trench visibility. The solid body construction provides maximum strength with low weight, enabling these breakers to be fitted to a wide range of machines without compromising safety or performance.

High efficiencies result from class-leading power to weight, and perfectly matched piston and tool diameter for maximum energy transfer.


Every product in the compact Hammermaster range is supplied with onemoil point and one chisel as standard, and is delivered ready for use, complete with grease gun and grease and, except for 'universal' builds, hoses, adaptors and couplings.




COMPACT AND MEDIUM HAMMERMASTER | SPECIFICATIONS

JCB Machine	JCB Breaker		Impact Energy Joules/ft lbs		Carrier Weight tonnes/lbs		Blow Rate bpm		Operating Pressure bar/psi		Oil Flow Required l/min/US gpm		Back Pressure bar /psi	Tool Diameter mm/in	Sound Power Level (dbA)
	Suitable Breaker	Operating Weight kg/lb	Published Data	AEM Tested Data	Min	Max	Min	Max	Min	Max	Min	Max	Max		
8010CTS, 8014CTS, 8016CTS, 8018CTS	HM100Q	115/254	170/125		1.0/2200	1.8/4000	900	1320	140/2030	160/2320	15/4	32/8.5	15/218	45/1.8	119
8010CTS, 8014CTS, 8016CTS, 8018CTS	HM100	103/227	170/125		1.0/2200	1.8/4000	900	1320	140/2030	160/2320	15/4	32/8.5	15/218	45/1.8	124
ICX	HM115	117/258	200/148		2.0/4410	3.5/7700	960	1320	140/2030	160/2320	15/3.3	40/9.0	30/436	45/1.8	124
8020CTS, 8025ZTS, 8030ZTS, 8035ZTS	HM140	127/280	240		2.0/4410	3.5/7700	960	1320	140/2030	160/2320	15/3.3	40/9.0	15/217.5	50/2.0	124
8020CTS, 8025ZTS, 8030ZTS, 8035ZTS	HM140Q	136/300	225/166		1.0/2200	3.5/7700	850	1200	120/1740	150/2176	25/7	50/13	18/261	50/2.0	117
8020CTS, 8025ZTS, 8030ZTS, 8035ZTS, MIDI CX	HM166Q	162/357	-	252/186	1.9/4190	4.5/10000	1020	1740	100/1450	150/2175	40/11	60/16	35/510	50/2	115
2CX, 8030ZTS, 8035ZTS, 8040ZTS, 8045ZTS, 8050ZTS/RTS, 8055ZTS/RTS, 8065RTS, SSL 135-205, CTL 150T, 190T, 205T	HM266Q	224/494	-	376/277	2.8/6175	6.0/13225	720	1400	100/1450	150/2175	42/11	75/20	35/510	65/2.6	118
3CX, 4CX, 8065RTS, 8085ZTS, SSL 225-330, CTL 225T-320T	HM386Q	360/794	-	600/443	4.5/10000	9.0/19800	720	1380	100/1450	150/2175	60/16	100/26	35/508	80/3.1	121
8085ZTS, 3CX, 4CX	HM496Q	441/972	-	855/631	6.5/14330	13/28660	540	1260	100/1450	150/2175	65/17	110/29	20/290	95/3.7	124

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	Chisel
Sedimentary rock (limestone, sandstone, calcereous sediment)	Trenching, foundation work, primary quarry breaking.	Heavily fissured	Chisel
		Lightly fissured	Moil
		Monolithic	Moil
	Breaking oversized	–	Chisel

 MOIL – Universal. For layered rock and reinforced concrete, where twisting could occur.

 CHISEL – Standard tool for penetrative work, eg. mining, foundations, trenching, demolition.

### Installation kits

The majority of JCB machines are supplied with breaker pipework already fitted enabling JCB Hammermaster breakers to be easily attached. A full range of comprehensive, genuine JCB installation kits is also available from the JCB dealer network for fitment to both new and old machines without the correct pipework. These custom-designed, structured kits provide the complete solution, including easy-to-use fitting instructions, high quality components and hose routings designed to eliminate abrasive wear.

To ensure continuous, hard-hitting performance, all JCB large Hammermasters are supplied with a choice of moil or chisel tool as standard. Moils and chisels are also available for aftermarket purchase, to provide increased versatility and reduced downtime.





### Compact & Medium Hammermaster

Your nearest JCB dealer