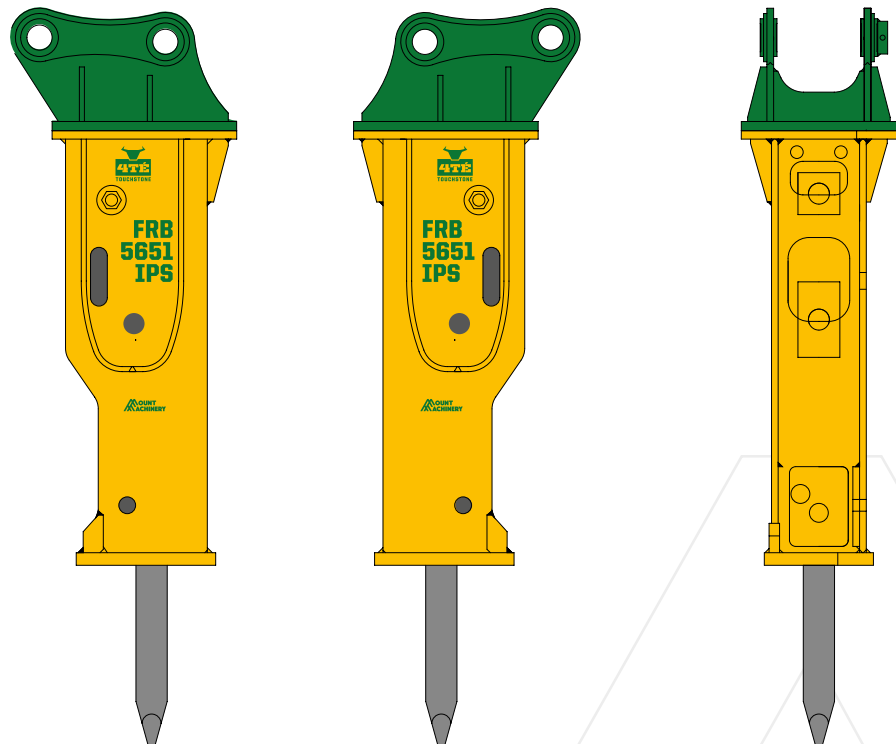




# Rock Breakers



- SALES
- HIRE
- SERVICING
- REPAIRS
- PARTS

Over the last few decades, Mount Machinery has become known for its expertise in rock breakers. With over 70 years combined experience, learning, problem solving and keeping up to date with the ever advancing technology means we've become the competent go-to advisors in the industry, the people you can trust, and we've been shaping the future of rock breaking.

We launched our own brand '4TE' in 2010 to incorporate customer's technical requirements, suggestions for improvements and our longing desires for product improvements and manufacture efficiently and cost effectively. It's our design...

We can say with confidence that the 4TE TouchStone Rock Breakers have proved to be very reliable with them being tried and tested on our hire fleet since 2011.

### HYDRAULIC BREAKER REPAIRS

We have experience in repairing the following makes of breakers; Arrowhead, Atlas Copco, Belle, Bobcat, CAT, Chicago Pneumatic, Eddie, Everdigm, FRB, Gehl, Furukawa, Hammertech, Hanwoo, Huppi, Indeco, Italdem, JAB, JCB, Krupp, Lifton, Montabert (including the Silver Clip range), MSB, MTB, NPK, Okada, Pel-Job, Prodem, Queng, Rammer, Rhino, Rotair, Socomec, Soosan, Stanley, Star, Stelco, Tabe, Takeuchi, Terex, Toku and Universal.

### AN INTERESTING FACT

In our experience, we have noted that some of these breakers are susceptible to damage by cavitation, but the 4TE TouchStone Series are not showing the slightest sign of damage by cavitation. Cavitation is when pockets of air in the hydraulic oil, damage the fundamental internal parts of the hydraulic hammer and send metal particles around elsewhere in the hydraulic system.

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# Rock Breakers

## SALES



With a large range of reliable quality attachments and products and expert opinion to help find the best solution for you.

## HIRE



Highly maintained, productive, powerful and reliable equipment available for hire now with full commission service.

## SERVICING



Fast and efficient of hydraulic breaker gas re-charge, change of filters or just tighten up some bolts and a quick check over.

## REPAIRS



With our highly equipped workshop and experienced technicians, Mount Machinery is competent to undertake very intricate and in-depth fault diagnosis often involving extensive testing, fabrication or sourcing unique components globally.

## PARTS



The full scope of spare parts are held in stock at Leeds to be close at hand and made available for immediate dispatch, significantly helping reduce your down time.

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### Low Recoil Design

Thanks to our research, we've come up with a design that minimises recoil movements for the safety of the operator.

### Super Efficient

Like a turbo on a car engine, the nitrogen in the main power cell provides super-efficient high impact energy during use.

### Built For Strength

With gussets on the side of the casing, along with the unique 'rock claw' shaping lower down, the 4TÉ TouchStone series is built to last.

### Performance Features

- Powercell has only 2 moving parts. More reliable in service + less to go wrong.
- Short downtime when the inevitable happens and the breaker needs overhaul due to simple design.

- No protruding lower bush (which easily gets damaged and/or broken off).
- Internal valve system, more reliable than external valve system.

We have experience in repairing all makes of breakers including; Atlas Copco, Montabert, Rammer, Indeco, Italdem and Arrowhead. In our experience, we have noted that all these breakers are susceptible to be damaged by cavitation but the 4TÉ TouchStone Series are not showing the slightest sign of damage by cavitation. Cavitation is when pockets of air in the hydraulic oil, damage the fundamental internal parts of the hydraulic hammer and send metal particles around elsewhere in the hydraulic system.

Technical Details	FRB-351-IPS	FRB-451-IPS	FRB-751-IPS	FRB-951-IPS	FRB-1451-IPS	FRB-1851-IPS	FRB-2251-IPS	FRB-2651-IPS	FRB-3051-IPS	FRB-3651-IPS	FRB-4051-IPS	FRB-4651-IPS	FRB-5651-IPS	FRB-8751-OPS
Excavator weight range (T)	1.0 - 3.0	2.5 - 4.5	4.0 - 7.0	6.0 - 9.0	7.0 - 14	11 - 16	15 - 18	18 - 23	18 - 26	25 - 30	28 - 35	30 - 45	40 - 55	48 - 87
Operating weight (Kg)	126	152	295	375	571	861	1371	1500	1766	2071	2632	2833	3991	5600
Operating pressure (bar)	90-120	90-120	110-140	120-150	130-160	150-170	150-170	160-180	160-180	160-180	160-180	160-180	160-180	225-235
Required flow (L/min)	20-40	25-50	40-70	50-90	60-100	80-110	90-120	100-150	120-180	150-210	180-240	200-260	210-290	250-320
Tool diameter (mm)	45	53	68	75	85	100	125	135	140	150	155	165	175	200
Impact energy (joules)	290	300	650	700	1200	2847	3000	3288	4270	5694	7117	9965	12812	23500
Gas pressure (bar)	17	17	17	17	17	17	17	17	15	15	15	15	15	15

