



TERMINATOR

IMPACT HAMMER

THE WORLD'S MOST POWERFUL ROCK BREAKER

Secondary breaking in mines & quarries

Slag & foundry waste

Over primary breaking

Demolition



ROCKTEC
Rock Technology



TERMINATOR

IMPACT HAMMER

The Terminator is a gravity impact hammer. It functions by hydraulically lifting a forged steel weight and allowing it to freefall onto the striker pin. The striker pin directs this energy into the rock. As the weight falls it resets the cylinder, so the Terminator is ready for the next cycle. Any over shock is absorbed by the patented buffering system. The Terminator operates with very high-energy impacts at a low strike rate.

The Terminator has several important advantages over normal breaking methods:

➤ Efficiency

The Terminator breaks rock to a size suitable for feeding the crusher with only a few hits. This is ideal for reducing large oversize efficiently with minimal breaking or flaking.

➤ Production

The bigger the rock, the more effective the Terminator. Terminator production rates on small to medium size rock are excellent, but it's on large rock that the high impacts delivered by the Terminator give significant production increases over traditional breaking methods.

➤ Low Carrier Shock

Conventional hammers must be pressed hard against the rock to function. The weight and power of the carrier and boom are needed to stop the hydraulic hammer from pushing away from the rock.

The Terminator is different. It is simply rested on the rock. Large vibrations and impact loads are not transmitted through the carrier and onto the operator. The Terminator does not cause high cycling loads in the carrier hydraulic system. There is no damage to the hydraulic pumps.

➤ Performance Life

The Terminator uses gravity and the distance the weight falls to generate its impact energy. No matter what the age or condition of the Terminator, it will still hit with the same force as when it was new.

➤ Capital Costs

The Terminator's low hydraulic requirements and minimal shock loading make it ideal for carriers near the end of their useful service life. This gives a big advantage in the total capital cost of the breaking combination.

➤ Noise

Noise levels are commonly measured as total exposure over an hour. The Terminator has a similar sound level per blow as a conventional hammer, but only hits 5% of the blows per hour to achieve similar production level. Total noise exposure levels are dramatically reduced.

➤ Carrier Options

Due to the low vibration the Terminator can be mounted to wheel loaders as well as excavators, and can be used in conjunction with a quick hitch. This offers improved machine maneuverability and utilization.

➤ Maintenance

The operating system of the Terminator is very simple. Maintenance is easily accomplished without the need for specialised technicians. Operating costs are a fraction of typical hydraulic hammer costs. With normal maintenance there are no expensive rebuilds required.

➤ Longevity

The simplicity of design and ease of maintenance leads to long service life and an excellent resale value.



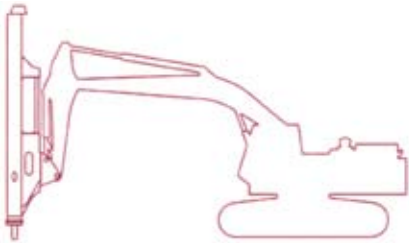
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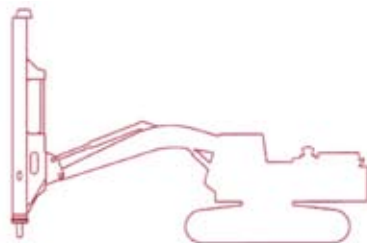
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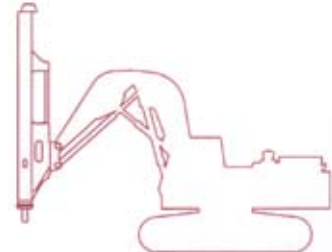
Mounting Options



Mounting to a Excavator Stick



Mounting to a Excavator Boom



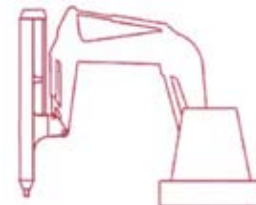
Mounting to a Shovel



Mounting to a Wheel Loader



Mounting to a Rubber Tyred Back Hoe - RX100 Option



Mounting to a Stationary Boom - RX100 Option

Specifications

		RX100	RX200	RX300	RX500	RX750
Impact energy per blow	ft lbs	10,000	20,500	30,000	50,000	75,000
	Nm	13,500	27,500	38,000	62,000	100,000
Number of blows per minute	bpm	20	18	15	12	12
Operating weight (excluding mounting plate)	kgs	1,265	2,020	3,345	5,100	8,350
Oil flow demand	lpm	80	130	130	160	250
Minimum hydraulic pressure (maximum in all cases 200 bar = 3,000 psi)	bar	125	160	125	160	160
Striker pin diameter	mm	100	125	150	180	195
Terminator operating height	mm	4,360	5,500	6,000	6,370	6,780
Minimum excavator weight - boom mount	kgs	8,000	12,000	17,500	30,000	40,000
Minimum excavator weight - stick mount	kgs	10,000	18,000	22,000	38,000	60,000
Minimum wheel loader weight	kgs	7,500	15,000	18,000	30,000	40,000
Mounting to a rubber tyred back hoe or stationary boom for RX100 only	kgs	Requires 1,300 kgs lifting capacity at desired operating radius				

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