



Hammerhead II

Allied's hydraulic concrete slab buster

Allied's Hammerhead II is a real slab buster.

The Allied Hammerhead II is a totally self-contained hydraulic concrete slab buster designed to demolish concrete flatwork. The concrete is **rubblized** at a 45° angle from the point of impact. This concrete flatwork includes floors, driveways, bridge decks and roadways. Utilizing only three moving parts, the Hammerhead II offers a simple, rugged design that minimizes maintenance and repair costs.

Hammerhead II will operate either vertically or horizontally on any concrete surface. An internal hydraulic cylinder and valve system compresses a heavy compression spring set. This spring set "loads" the system with 3,350 psi of hydraulic pressure. On the return stroke of the cylinder, Hammerhead II releases the trigger mechanism. This mechanism causes the four inch impact bar weighing 388 pounds to "fire" at the concrete with up to a 4,000 foot pound energy class impact force.

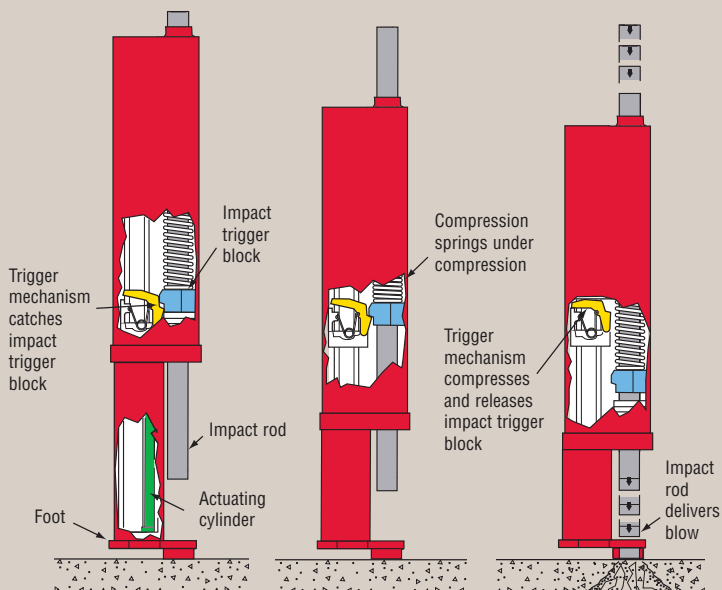
The Allied Hammerhead II Model HB 550 is a 1,130 pound hydraulic concrete slab buster that mounts easily on a 5,000 to 9,000 pound skid-steer, 7,000-15,000 pound mini-excavator or 9,000-16,500 pound loader/backhoe.

The Model HB 550 concrete slab buster features:

- A single blow **rubblizes** concrete reducing labor intensive jobs to fast demolition and clean-up
- Demolishes concrete flatwork up to 10 times faster and more effective than traditional methods
- No troublesome seals or backpressure to damage your hydraulic system
- No nitrogen gas to check or charge as nitrogen gas is not required for power
- Reinforced foot-pad and impact bar to provide long-life and easy maintenance
- Powered by the carrier's hydraulic pump, just "aim" and "fire"
- A simple operation that impacts and resets automatically
- Without relying on gravity, will "fire" horizontally without losing power

One or more of over 2,500 customized hydraulic kits from Allied provide components for mounting Allied's Hammerhead II on skid-steers, mini-excavators and loader/backhoes. The Model HB 550 requires 8 to 20 gpm at 1,700 to 3,500 psi and it breaks at a rate of 25 to 40 blows per minute.

Demolition of concrete floors, sidewalks, driveways, curbs, bridge decks, retaining walls, pilings and roadways are many of the applications for the Model HB 550 hydraulic concrete slab buster. And, rental customers and contractors can put the Model HB 550 concrete slab buster to work on the job site in more ways than ever before.



Model HB 550 Specifications

Model	HB 550
Mounting Type	Skid-Steer, Mini-Excavator and Loader/Backhoe
Foot Pound Energy Class	3,000 ft. lbs. to 4,000* ft. lbs.
Operating Ranges	
Frequency Range	25-40 bpm
Hydraulic Flow Required Range	8-20 gpm (30-75 lpm)
Hydraulic Pressure Range	1,700-3,500 psi (117-241 bar)
Working Weight	1,130 (513)/1,800 lbs. (819 kg)*
Overall Length	94.5 in. (37 cm)
Overall Working Length	110 in. (43 cm)
Impact Bar	Blunt
Impact Bar Diameter	4.00 in. (102 mm)
Impact Bar Weight	388 lbs. (176 kg)
Recommended Carrier Weight (Skid-Steer)	5,000-9,000 lbs.
Recommended Carrier Weight (Mini-Excavator)	7,000-15,000 lbs.
Recommended Carrier Weight (Loader/Backhoe)	9,000-16,500 lbs.

* With 500 pound weight kit and skid-steer bracket



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