



THE HEAVYWEIGHT

Model 99 Hy-Ram[®]

hydraulic impact hammer.

Here's our most powerful hydraulic hammer. Designed for larger excavators, generally in the 40,000 to 100,000 lbs. class, the Model 99 Hy-Ram offers incredible impact energy, both in blow energy and in impact energy per minute.

The Model 99 is ideal for contractors whose jobs require breaking of larger concrete structures and surfaces, where very hard rock and boulders are encountered, and for controlled demolition of structures. Mines and quarries use the Model 99 for secondary breaking.

This advanced hammer effectively breaks such tough rock as taconite, dense limestone, granite and industrial materials such as ferrochrome and molybdenum.

BREAKS VIRTUALLY ALL MATERIALS. The Model 99 Hy-Ram is capable of breaking materials with very high compressive strengths, in the 50,000 P.S.I. and higher range. The hammer has a frequency of 450 blows/minute and a blow energy of over 2000 ft. lbs. With its 900,000 + ft. lbs./minute of impact energy, the Model 99 outperforms fluid-cushion hydraulic hammers of higher blow energy, but of low blow frequency.

DUAL POWER MODE. The Model 99 features variable blow frequency of either 450 or 900 blows/minute, thereby extending the versatility of the hammer since impact per blow is proportionately reduced at the higher frequency. At half power, blow frequency is doubled to 900 blows/minute, useful for faster production in softer materials. In either mode, total impact energy per minute is the same — 900,000 + ft. lbs.

Like all Hy-Rams, this high performance impact hammer gets its power from the carrier's hydraulic system. There's no need for a compressor. And the controlled impact and true hydraulic operation of this state-of-the-art hammer makes the Model 99 Hy-Ram an excellent choice for demolition work, sewer construction and on jobs where blasting is prohibited.

SPECIFICATIONS

Impact class	
per blow	Over 2000 ft. lbs./276 mkg
Blows per minute	450, or 900 at half power
Impact class per minute	Over 900,000 ft. lbs./ Over 124,430 mkg
Weight with	
standard bracket	3250 lbs./1474 kg
Overall length	94 inches/239 cm
Required oil flow	30 GPM/114 LPM
Recommended minimum	
pump capacity	Varies with machine
Quick-change tool feature	Standard
Top-mounted brackets	Standard
Spacing inside	
mounting bracket	Varies with machine
Boom pin diameter	Varies with machine
Standard demolition	
tool	Chisel or Conical Point
Tool diameter	5¼ inches/133 mm
Tool working length	24 inches/610 mm
Operating pressure	2600 PSI/180 kg/cm ²

The Hy-Ram 99 is also available in two heavy-duty versions, the 9901 and 9902. These models feature abrasion-resistant mounting brackets and longer working-length demolition tools. Contact the factory for further specifications.

Specifications are subject to change without notice.

