



Hy-Ram[®]

Allied's all new Model 755CS and Model 755CS G hydraulic impact hammers

Model 755CS — tough breaking action with AutoControl featuring variable hammer operation.

Handling the toughest rock and concrete demolition jobs, the Allied Model 755CS Hy-Ram® provides the maximum amount of breaking force in a compact design. Designed to offer contractors greater reliability and longer operating life, the 4.72 inch tool diameter provides greater power-to-weight single blow energy and superior blows per minute performance.

The Model 755CS mounts easily on an excavator in the 16.5 to 30 ton class. It is available in the Standard or Guardian™ version. The Guardian version includes the all new DustProtection™ System.

The all new Model 755CS Hy-Ram features:

- **Simple Design**

The internal design requires only three moving parts for less maintenance and more up-time.

- **AutoControl**

Variable hammer operation that regulates blow energy by monitoring the amount of penetration of the tool into the material being broken.

- **Top-Down Lubrication**

An internal lubricant passage runs the length of the hammer extending the service life of the demolition tool and tool bushings.

- **Compact System (CS)**

A new design suspends the hammer's internal working body in a box enclosure that isolates vibration forces and reduces recoil forces.

- **Dust Ring**

A dust ring in the box enclosure keeps out contamination and helps retain grease on the demolition tool and tool bushing for longer life.

- **DustProtection™**

A new system that provides superior sealing qualities to the lower bushing and tool holder components by using a two-stage seal design (available only on the Guardian version).

- **AutoLube 2**

An optional automatic lubrication system that dispenses lubricant each time the hammer is activated.

- **Underwater Compatible**

Underwater operation is possible by connecting a compressed air source to the port provided and using an Allied Underwater Kit that includes the necessary fittings, regulators and safety switch.

A customized hydraulic kit from Allied provides components for operating the Model 755CS on excavators. The hammer requires 27 to 37 gpm at 2,200 to 2,600 psi. And, with AutoControl, it cycles at a rate of 350 to 680 blows per minute.

Demolition of concrete structures, building foundations, bridge decks, pavement and trench rock are many of the applications for the Model 755CS. And, with a variety of accessories, contractors can put the Model 755CS to work on the job site in more ways than ever before.

Whatever the application, whatever the demands Allied's Model 755CS Hy-Ram will stand the test.



Model 755CS Specifications

Model	755CS and 755CS G
Mounting Group	MCS
Operating Ranges	
Frequency	350-680* blows per minute
Hydraulic Flow Required	27-37 gpm (100-140 lpm)
Hydraulic Pressure	2,200-2,600 psi (150-180 bar)
Working Weight	2,900 lbs. (1320 kg)**
Overall Length	102 in. (259 cm)
Standard Demolition Tool	Cross-Cut Chisel
Tool Diameter	4.72 in. (120 mm)
Recommended Carrier Weight	
Excavator	33,000-60,000 lbs. (15,000-27,000 kg)
Measured Values	
Energy Rating***	1,998 ft. lbs. (2709 joules)
Frequency	657 blows per minute
Hydraulic Flow	36.9 gpm (140 lpm)
Supply Pressure	2,607 psi (180 bar)

*Model 755CS and Model 755CS G feature AutoControl

**Guardian version Working Weight 2,990 lbs. (1,350 kg)

***The hammer energy rating is in accordance with the Certified CIMA Tool Energy Rating method.

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