



## Fx175 Qtv

This mid-size hammer is designed for use on excavators in the 13 to 22 ton range and pedestal systems. It is ideal for roads, bridges, rock, utility applications and in quarries. Incorporating the latest in design technology, the Fx175 Qtv hammer improves day-to-day performance, offering less maintenance and downtime, smoother operation, superior strength and the highest level of reliability.

The Fx175 Qtv offers improved durability, with features that include a square, mono-block body design for superior strength. The elimination of thru-bolts also reduces maintenance and failure. A patent pending dust prevention system incorporates grooves to trap contaminates on the upstroke and expel them on the piston down stroke, while a cushion ring acts as a secondary trap. This improves the life of the piston, bushings and working steel.

Operators appreciate performance features that include a new valve design to reduce hydraulic fluid temperatures. A redesigned piston enhances surface contact to working steel, while a larger bushing surface keeps it aligned for greater impact. A replaceable cylinder liner increases tool life and reduces time-consuming maintenance.

The Fx175 Qtv is also designed to accommodate automatic lubrication systems for quick daily maintenance. Excavators equipped with quick couplers can take advantage of our Floating Top-Mount Boss mounting system. This incorporates standard mounting hardware while meeting "OEM Pin Centers" for specific carrier mounting eliminating the need for specific OEM top caps.

All hammers come complete with exclusive Pro-Pak for ease of installation. The Pro-Pak includes hose whips, mounting hardware, standard working steel and tool kit with operating manual at no additional charge.



## FxSERIES

**NO** torquing of Thru-Bolts.

**NO** broken Thru-Bolts.

**NO** downtime due to Thru-Bolts.

Why? **NO THRU-BOLTS.**

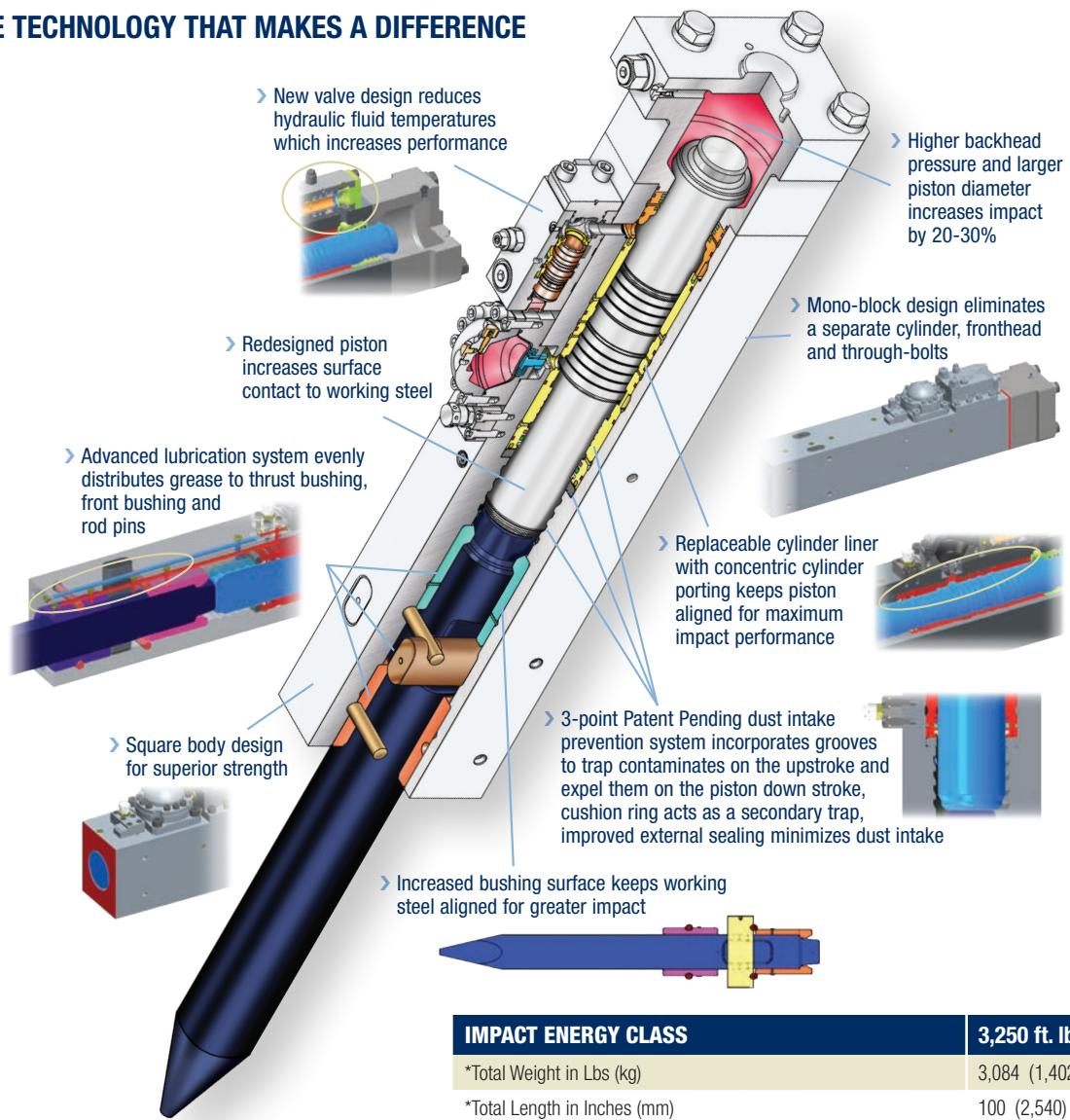
## Fx175 Qtv

### Features and Benefits:

- Increased hydraulic flow range for use on a wider range of carriers
- Mono-block design eliminates a separate cylinder, fronthead and thru-bolts
- Improved Dust Intake Prevention system increases reliability
- Replaceable cylinder liner with concentric porting keeps piston aligned for maximum impact performance
- Improved valve design reduces hydraulic fluid temperatures which increases performance
- Square body design for superior strength
- 3-point sealing system prevents internal contamination
- Redesigned piston increases surface contact to working steel
- Improved dampening system keeps breaker properly secure in cradle to reduce wear
- Qtv cradle for improved protection, sound suppression and dampening
- Increased and improved lubrication to critical components
- Longer thrust bushing for increased internal alignment also insures direct impact with piston



## INNOVATIVE TECHNOLOGY THAT MAKES A DIFFERENCE



| IMPACT ENERGY CLASS   | 3,250 ft. lbs.            |
|---|---------------------------|
| *Total Weight in Lbs (kg)   | 3,084 (1,402)             |
| *Total Length in Inches (mm)                                      | 100 (2,540)               |
| <b>Working Steel</b>  |                           |
| Diameter in Inches (mm)   | 4.72 (120)                |
| New Length of Steel Measured from Front Face in Inches (mm)       | 27.36 (695)               |
| Replaceable Steel Length, Measured from Front Face in Inches (mm) | 16.14 (410)               |
| <b>General Specifications</b>                                     |                           |
| Adjustable Blows Per Minute (BPM)                                 | 450 ~ 600                 |
| Acceptable GPM Range (LPM)  | 26 ~ 42 (98 ~ 158)        |
| Acceptable PSI Range (Bar)  | 2,320 ~ 2,610 (160 ~ 180) |
| 85 dB(A) @  | ~ 13 meters               |
| Recommended Carrier Range in U.S. Tons (tonnes)                   | 13 ~ 22 (12 ~ 20)         |
| Carrier Options   |                           |

## CARRIER OPTIONS

EXCAVATOR



**Note:** Total weight and total length include standard working steel and universal top cap less mounting pins and bushings.

**FRD**  
FURUKAWA

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