Fx SERIES with Qtv TECHNOLOGY

Fx475 Qtv

Excavators in the 39-61 ton class are the perfect match for this demolition machine. Whether you’re breaking blue granite in the Northeast or reducing oversize in quarries, the Fx475 Qtv hammer improves day-to-day performance, offering less maintenance and downtime, smoother operation, superior strength and the highest level of reliability.

The Fx475 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 contaminants 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 unique one-piece enclosure and dampening system reduces noise levels for use in noise sensitive environments. A higher back head pressure and larger piston diameter increases impact performance by 20% over previous models.

All Furukawa hammers come complete with Furukawa’s 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.

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

NO torquing of Thru-Bolts.
NO broken Thru-Bolts.
NO downtime due to Thru-Bolts.

Why? NO THRU-BOLTS.

www.frdusa.com

See Reverse For Additional Mounting Options
INNOVATIVE TECHNOLOGY THAT MAKES A DIFFERENCE

- New valve design reduces hydraulic fluid temperatures which increases performance
- Redesigned piston increases surface contact to working steel
- Advanced lubrication system evenly distributes grease to thrust bushing, front bushing and rod pins
- Square body design for superior strength
- Increased bushing surface keeps working steel aligned for greater impact
- Higher backhead pressure and larger piston diameter increases impact by 20-30%
- Mono-block design eliminates a separate cylinder, fronthead and through-bolts
- Replaceable cylinder liner with concentric cylinder porting keeps piston aligned for maximum impact performance
- 3-point Patent Pending dust intake prevention system incorporates grooves to trap contaminants on the upstroke and expel them on the piston down stroke, cushion ring acts as a secondary trap, improved external sealing minimizes dust intake
- Advanced technology that makes a difference

IMPACT ENERGY CLASS

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>IMPACT ENERGY CLASS</td>
<td>8,500 ft. lbs.</td>
</tr>
<tr>
<td>*Total Weight in Lbs (kg)</td>
<td>7,021 (3,185)</td>
</tr>
<tr>
<td>*Total Length in Inches (mm)</td>
<td>146 (3,708)</td>
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</tbody>
</table>

Working Steel

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Diameter in inches (mm)</td>
<td>6.69 (170)</td>
</tr>
<tr>
<td>New Length of Steel Measured from Front Face in Inches (mm)</td>
<td>32.68 (830)</td>
</tr>
<tr>
<td>Replaceable Steel Length, Measured from Front Face in Inches (mm)</td>
<td>20.08 (510)</td>
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</tbody>
</table>

General Specifications

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Adjustable Blows Per Minute (BPM)</td>
<td>250 – 350</td>
</tr>
<tr>
<td>Acceptable GPM Range (LPM)</td>
<td>53 – 79 (200 – 299)</td>
</tr>
<tr>
<td>Acceptable PSI Range (Bar)</td>
<td>2,320 – 2,610 (160 – 180)</td>
</tr>
<tr>
<td>85 dB(A) @</td>
<td>22 meters</td>
</tr>
<tr>
<td>Recommended Carrier Range in U.S. Tons (tonnes)</td>
<td>39 – 61 (35 – 55)</td>
</tr>
<tr>
<td>Carrier Options</td>
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*Carrrier 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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Furukawa’s policy is one of continual improvement. Specifications may change between printing.