



Fx1070 Qtv

Features and Benefits:

- › Wide carrier range (65 to 110 tons) for use on a large variety of carriers
- › Large diameter working steel at 8.27 inches (210 mm)
- › High back-head pressure (201-221 psi at 75 degrees to 95 degrees)
- › A replaceable cylinder liner with concentric porting keeps the piston aligned for maximum impact performance and reduces the overall maintenance cost
- › A scratch-resistant phosphate coating applied to both the valve and cylinder liner improves the service life of both components and minimizes the opportunity for minor galling
- › An anti-idle blow system prevents the hammer from blank firing

Fx1070 Qtv

ENHANCED PERFORMANCE IN AN EXTRA-LARGE BREAKER

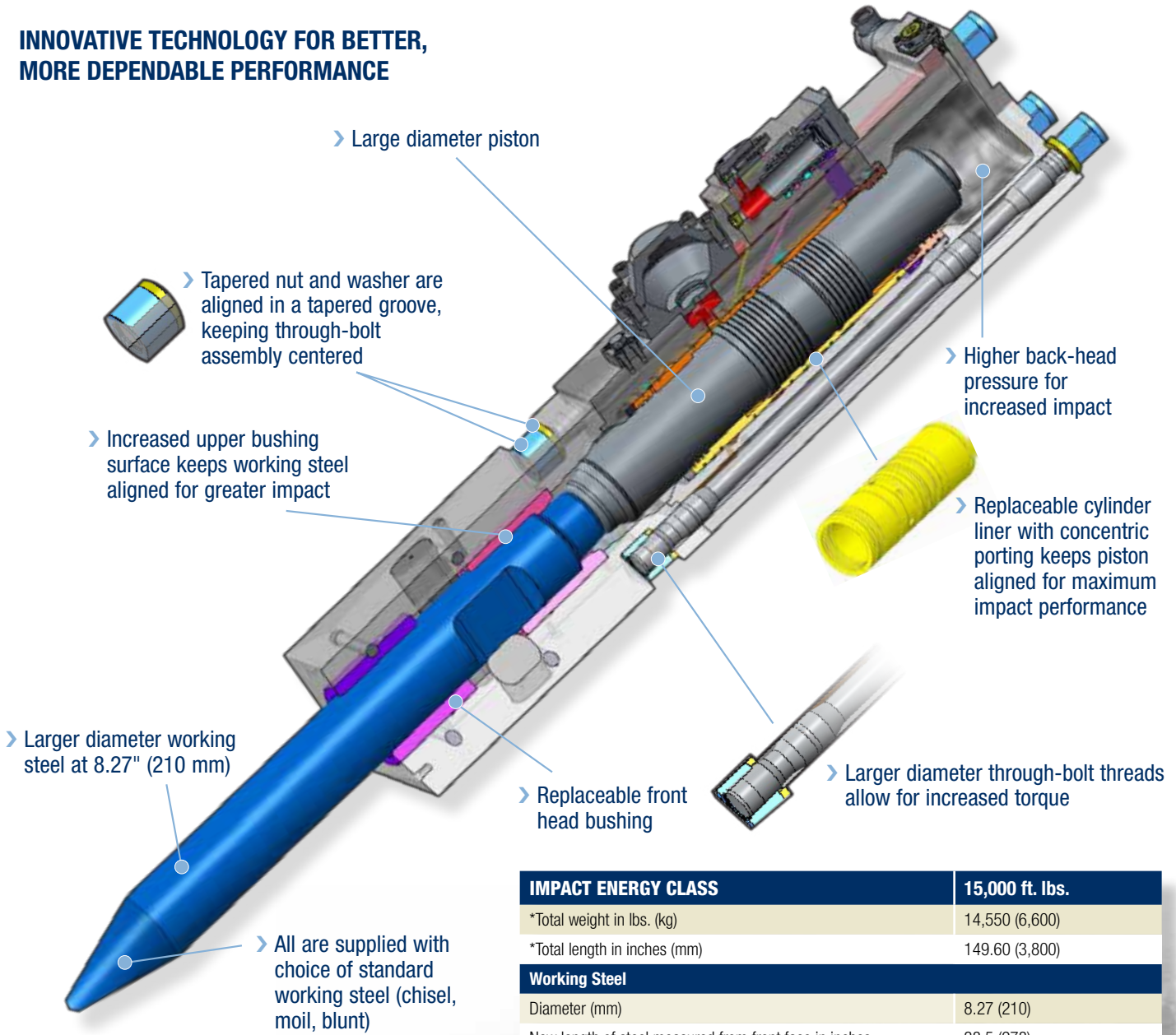
Extra-large demolition and quarry jobs require an extra-large breaker, and the new Fx1070 Qtv delivers. It works on a wide range of carriers—from 65 tons all the way up to 110 tons—for added versatility. The Fx1070 improves breaking performance with high back-head pressure to deliver greater impact. It also improves day-to-day performance with less maintenance and downtime, smoother operation, and the highest level of reliability.

Higher back-head pressure (230-250 psi) is delivered through a large back-head size and a redesigned piston shape to optimize the gas pressure within the back-head. More gas in the combustion chamber yields higher energy for greater impact.

The Fx features improved through-bolt design for up to 20% better durability. A centralized nut ensures that the bolt is stable and directly centered for ultimate protection from breakage. A CD thread on the through-bolt disperses stress evenly. Durability is also improved through an anti-idle blow system, which features a valve that requires down pressure on the working steel to fire the breaker. This prevents the hammer from blank-firing, which eliminates unnecessary wear and tear. If blank firing is needed, this feature can be turned off by changing to a different valve.



INNOVATIVE TECHNOLOGY FOR BETTER, MORE DEPENDABLE PERFORMANCE



IMPACT ENERGY CLASS	15,000 ft. lbs.
*Total weight in lbs. (kg)	14,550 (6,600)
*Total length in inches (mm)	149.60 (3,800)
Working Steel	
Diameter (mm)	8.27 (210)
New length of steel measured from front face in inches	38.5 (978)
Replaceable steel length, measured from front face in inches	25.25 (641)
General Specifications	
Adjustable Blows Per Minute (BPM)	200 - 375
Acceptable GPM Range (LPM)	52 - 99 (200 - 375)
Acceptable PSI Range (Bar)	2,320 - 2,610 (160 - 180)
85 dB(A) @	17 - meters
Recommended carrier range in U.S. Tons (tonnes)	65 - 110 (59 - 100)
Carrier options	Excavator

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

CARRIER OPTIONS

EXCAVATOR



www.frdusa.com

CORPORATE HEADQUARTERS
 711 Lake Street, Kent, OH 44240
 Ph: 330-673-5826
 Fax: 330-677-1616
 Toll Free: 1-800-527-2282

SOUTHEAST SALES AND SERVICE FACILITY
 155 Dexter Road
 Spartanburg, SC 29303
 Ph: 864-541-0125

WEST COAST SALES AND SERVICE FACILITY
 7730 Security Circle
 Reno, NV 89506
 Ph: 775-260-7366