

# HYDRAULIC BREAKERS



WHERE EXPERIENCE COUNTS

# The exclusivity you need

## GREAT BREAKING POWER

The use of high quality materials and the highest quality production process results in a breaker body with less weight and higher output/performance. The impact energy is higher than ever.

## OPERATOR FRIENDLY

With the new slim design the FXJ has a better accessibility in demolition and quarry. It provides high efficiency in trench work. In addition to its slim design, there is a newly designed top damper which reduces the noise and vibration.

## IMPROVED DURABILITY

The use of the best quality materials and the highest quality standard in production creates a product that will work longer and is more efficient. The new floating rod seal, minimizes dust intake and result in an extended life time.

## EASY SERVICE

To ease the service FRD developed the mono-block cylinder which reduced the parts. With this unique construction, there are no through bolts needed. With the new rod pin design and other improvements of the parts, the lifetime is longer and are easy to replace.

## LOWEST LIFETIME COST

High quality materials give a longer lifetime to each part, which drastically reduces the total maintenance cost. Over long periods the advantages of less downtime and fewer parts to replace results in a cost per year, which are the lowest in the market.

# FXJ175



| Specifications                      |           | FXJ175 |            |
|-------------------------------------|-----------|--------|------------|
| Operating weight, <sup>1)</sup> FXJ | kg        |        | 1015       |
| Height with rod,                    | mm        |        | 2043       |
| Operating pressure                  | min MPa   |        | 16<br>18   |
| Oil flow                            | min l/min |        | 100<br>160 |
| Impact rate                         | min bpm   |        | 450<br>900 |
| Impact energy (Joules)              |           |        | 3610       |
| Rod diameter Ø                      | mm        |        | 120        |
| Rod effective length                | mm        |        | 620        |
| Rod weight                          | kg        |        | 81         |
| Hose inner dia Ø Press/Return       | mm        |        | 19         |
| Base machine weight                 | ton       |        | 12 - 21    |

<sup>1)</sup> Operating weight with top bracket. FXJ Silent Version = Sound and vibration damping

Specifications subject to change without notice

# EXCAVATOR SIZE 12-21<sup>T</sup>

# It's the size that matters

| Specifications                      |     |       | FXJ125 | FXJ175  | FXJ275  | FXJ375  | FXJ475  |
|-------------------------------------|-----|-------|--------|---------|---------|---------|---------|
| Operating weight, <sup>1)</sup> FXJ | kg  |       | 850    | 1015    | 1775    | 2525    | 3205    |
| Height with rod,                    | mm  |       | 2005   | 2043    | 2468    | 2715    | 2892    |
| Operating pressure                  | min | MPa   | 16     | 16      | 16      | 16      | 16      |
|                                     |     |       | 18     | 18      | 18      | 18      | 18      |
| Oil flow                            | min | l/min | 70     | 100     | 145     | 170     | 200     |
|                                     |     |       | 120    | 160     | 220     | 260     | 300     |
| Impact rate                         | min | bpm   | 400    | 450     | 350     | 350     | 250     |
|                                     |     |       | 650    | 900     | 620     | 450/550 | 450     |
| Impact energy (Joules)              |     |       | 2320   | 3610    | 5120    | 7310    | 9620    |
| Rod diameter Ø                      | mm  |       | 110    | 120     | 140     | 155     | 170     |
| Rod effective length                | mm  |       | 640    | 620     | 680     | 715     | 720     |
| Rod weight                          | kg  |       | 69     | 81      | 143     | 167     | 229     |
| Hose inner dia Ø Press/Return       | mm  |       | 19     | 19      | 25      | 25      | 32      |
| Base machine weight                 | ton |       | 9 - 16 | 12 - 21 | 18 - 30 | 25 - 42 | 33 - 55 |

<sup>1)</sup> Operating weight with top bracket. FXJ Silent Version = Sound and vibration damping

Specifications subject to change without notice

# COMPARISON