

# 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 accesability 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 18
Oil flow	min l/min		100 160
Impact rate	min bpm		450 900
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

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# COMPARISON