



MTB IQ SERIES SMALL, MEDIUM AND LARGE SIZE BREAKERS



MTB " IQ SERIES "

MTB IQ serie breakers are designed for stone quarries, marble quarries, tunnel and special demolition operations. The difference of the IQ serie breakers which were designed not to do blank-firing is when there are no more rocks on the tip of the tool to break anymore the breaker will stop impacting automatically.



With Our IQ Serie Breakers;

- Lifetime of the piston will increase.
- Lifetime of the tool will increase.
- It ensures that you impact with the best angle.
- Lifetime of the bushings will increase.
- Lifetime of the retainer/tool pin will increase.

We have 16 different MTB IQ models between 300 kg and 7200 kg for your 4.5-100 tonne heavy operation excavators.

MTB IQ SMALL SERIES



TECHNICAL INFORMATION			MTB 25 IQ	MTB 36 IQ	MTB 38 IQ	MTB 45 IQ
WORKING WEIGHT (*)	SIDE CONNECTION	kg	320	380	380	480
		lb	704	836	836	1056
	TOP CONNECTION	kg	300	390	390	470
		lb	660	858	858	1034
BOX TYPE	kg	310	400	400	490	
	lb	682	880	880	1078	
IMPACT ENERGY	joule	470	900	900	1060	
	ft.lb	347	665	665	780	
IMPACT FREQUENCY	BPM	500~950	520~1000	520~1000	500~900	
	LPM	30~60	50~100	50~100	50~100	
MIN.&MAX. OIL SUPPLY	GPM	7.9~15.9	13.2~26.4	13.2~26.4	13.2~26.4	
	bar	120	120	120	120	
OPERATING PRESSURE	psi	1740	1740	1740	1740	
	TOOL DIAMETER	mm Ø	70	75	80	85
in Ø		2,76	2,95	3,15	3,35	
SOUND POWER LEVEL (**)	LwA*(dB)	127	130	130	130	
		125	127	127	127	
SKID STEER	Optimum Range	Ton	2.5~4.2	3.8~5.5	3.8~5.5	4.8~7.5
		1000*Lb	5.5~9.24	8.36~12.1	8.36~12.1	10.56~16.5
	Wide Range (**)	Ton	2~5.5	2.8~6.5	2.8~6.5	4.2~8.5
		1000*Lb	4.4~12.1	6.16~14.3	6.16~14.3	9.24~18.7
MINI EXCAVATOR	Optimum Range	Ton	4.5~7	6~9	6~9	8~11
		1000*Lb	9.9~15.4	13.2~19.8	13.2~19.8	17.6~24.2
	Wide Range (***)	Ton	4.2~8	5~10	5~10	6.5~12
		1000*Lb	9.24~17.6	11~22	11~22	14.3~26.4

(*) Includes average mounting bracket, standard tool and hose weights

(**) Guaranteed sound power testing results according to directive 2000/14/EC (Guaranteed dB(A)=Measured Value +3 dB)

(***) If carrier machine is out of optimum range, ask to the carrier machine manufacturer for allowed attachment weight

MTB IQ MEDIUM SERIES



TECHNICAL INFORMATION		MTB 65 IQ	MTB 95 IQ	MTB 125 IQ	MTB 155 IQ	MTB 175 IQ	MTB 215 IQ
WORKING WEIGHT (*)	kg	770	920	1335	1690	2100	2410
	lb	1695	2025	2940	3726	4630	5313
IMPACT ENERGY	joule	1450	1760	1880	2800	3300	4500
	ft.lb	1070	1298	1385	2063	2431	3320
IMPACT FREQUENCY	BPM	350~700	400~700	390~700	360~650	350~550	350~550
MIN.&MAX. OIL SUPPLY	LPM	60~120	70~130	70~130	100~180	120~180	160~220
	GPM	15.8~31.7	18.5~34.4	18.5~34.4	26.4~47.6	31.7~46.6	42.3~58.1
OPERATING PRESSURE	bar	125	125	135	135	135	140
	psi	1815	1815	2000	2000	2000	2035
TOOL DIAMETER	mm Ø	95	100	115	125	135	145
	in Ø	3,74	3,93	4,52	4,92	5,31	5,7
SOUND POWER LEVEL (**)	LwA* (dB)	128	128	127	130	129	135
OPTIMUM EXCAVATOR RANGE	ton	8~14	10~16	16~20	18~26	22~29	26~32
	1000 lb	17.6~30.8	22~35.2	35.2~44	39.6~57.2	48.4~63.8	57.2~70.4
WIDE EXCAVATOR RANGE (***)	ton	7~16	9~18	14~25	16~29	19~32	23~38
	1000 lb	15.4~35.2	19.8~39.6	30.8~55	35.2~63.8	41.8~70.4	50.6~83.6

(*) Includes average mounting bracket, standard tool and hose weights

(**) Guaranteed sound power testing results according to directive 2000/14/EC (Guaranteed dB(A)=Measured Value +3 dB)

(***) If carrier machine is out of optimum range, ask to the carrier machine manufacturer for allowed attachment weight

MTB IQ LARGE SERIES



TECHNICAL INFORMATION		MTB 255 IQ	MTB 285 IQ	MTB 365 IQ	MTB 505 IQ	MTB 705 IQ
WORKING WEIGHT (*)	kg	2755	3155	4035	4685	7200
	lb	6074	6956	8896	10329	15840
IMPACT ENERGY	joule	5610	6000	8000	9800	13000
	ft.lb	4138	4427	5902	7230	9588
IMPACT FREQUENCY	BPM	330~525	320~520	320~510	300~420	285~400
MIN.&MAX. OIL SUPPLY	LPM	170~250	170~270	180~280	220~300	250~350
	GPM	44.9~66.0	44.9~71.3	47.5~73.9	58.1~79.2	66.0~92.4
OPERATING PRESSURE	bar	140	140	140	140	150
	psi	2035	2035	2035	2035	2180
TOOL DIAMETER	mm \varnothing	150	160	175	190	210
	in \varnothing	5,9	6,3	6,89	7,48	8,27
SOUND POWER LEVEL (**)	LwA* (dB)	132	130	129	130	128
OPTIMUM EXCAVATOR RANGE	ton	29~40	32~45	40~48	45~55	60~100
	1000 lb	63.8~88	70.4~99	88~105.6	99~121	132~220
WIDE EXCAVATOR RANGE (***)	ton	27~45	31~50	38~55	44~65	60~120
	1000 lb	59.4~99	68.2~110	83.6~121	96.8~143	132~264

(*) Includes average mounting bracket, standard tool and hose weights

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(***) If carrier machine is out of optimum range, ask to the carrier machine manufacturer for allowed attachment weight



ÇERKEZKÖY FACTORY

Total Area / 82.000 m²

Closed Area / 65.000 m²



inan makina SANAYİ VE TİCARET A.Ş.

Factory

Bahçelievler OSB Mahallesi 11. Cd No: 4A 59510 Kapaklı - Tekirdağ / TURKEY

+90.282 768 25 00 / +90.282 758 25 42 / +90.282 758 35 84 +90.282 758 23 65

info@inanmakina.com / www.mtbbreakers.com / www.inanmakina.com

