

NPK[®]

Multi-processor



NPK[®]

a division of Nippon Pneumatic Mfg. Co. Ltd. Osaka Japan

www.npke.eu

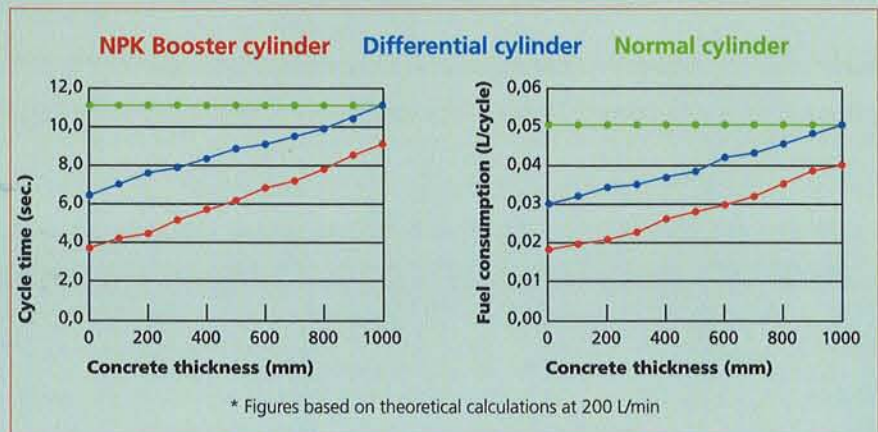
MORE POWER - MORE PRODUCTION

The Multi Processor is designed in such a way that whenever the jaws meet resistance, the hydraulic booster is automatically activated. The pressure intensifier system has a relatively low oil flow; which produces faster cycle times and more crushing strength when compared to competitive attachments without a booster system. Additionally, other excavator's functions remain uninfluenced by this system. The integral booster reduces the total weight of the attachment, which allows a compact body design and affords ease of maintenance.



NPK POWERBOOSTER COMPARED WITH NORMAL CYLINDER AND DIFFERENTIAL CYLINDER*

Calculations show that the cycle time of a NPK booster cylinder defeats crushers with a normal cylinder or differential cylinder. The job is finished earlier, the profit is yours. Besides more production and more power, a shorter cycle time also results in less fuel consumption. A reduction of 25-50% per cycle is realistic!

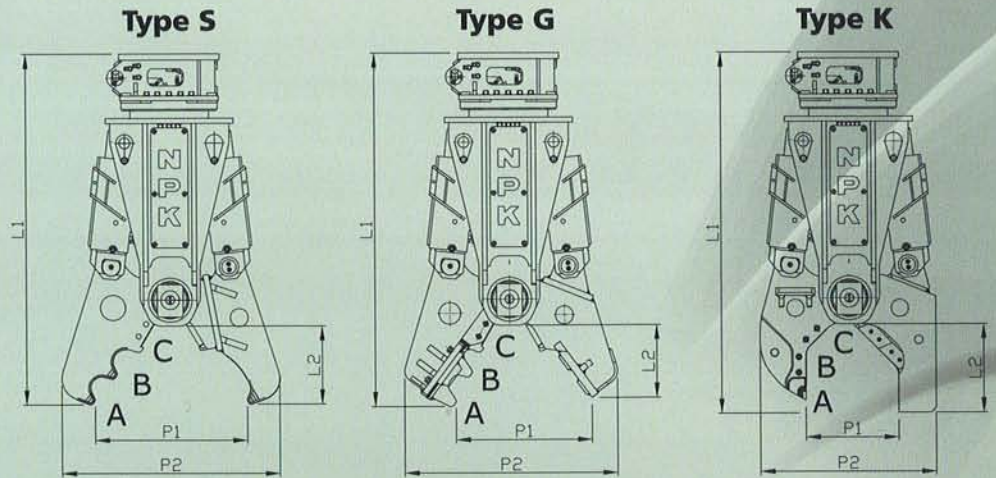


FEATURES

- On-site versatility is optimized by the availability of interchangeable jaws.
- Only NPK offers an exclusive integrated booster system that automatically activates when the jaws meet resistance.
- Efficient solution for concrete, steel and rebar processing, building and bridge demolition, and recycling.
- Manufactured from high-strength, abrasion-resistant steel.
- Reinforced shield protects cylinder rods.
- Cost effective: far more economical than buying three different applications.
- Full 360° power rotation provides an effective angle of attack for any job wherever the location.
- No additional pressure reduction is required in the hydraulic system.
- Fast opening/closing times.
- Reliable construction.



Multi-processor



TECHNICAL SPECIFICATIONS

MODEL	Excavator weight t	Operating weight kg	Max. jaw opening mm	Working pressure MPa	Oil flow l/min	Rotation pressure MPa	Rotation oil flow l/min
M-20S	17 - 24	2000	940	25	100 - 200	14	10 - 15
M-20G	17 - 24	2100	770	25	100 - 200	14	10 - 15
M-20K	17 - 24	2100	540	25	100 - 200	14	10 - 15
M-28S	27 - 40	2970	1067	25	150 - 250	14	11 - 30
M-28G	28 - 40	3150	910	25	150 - 250	14	11 - 30
M-28K	28 - 40	3130	638	25	150 - 250	14	11 - 30
M-38S	35 - 45	3850	1230	25	200 - 250	14	11 - 30
M-38G	35 - 45	4150	1140	25	200 - 250	14	11 - 30
M-38K	35 - 45	4250	735	25	200 - 250	14	11 - 30

MODEL	Max. force (A) kN	Max. force (B) kN	Max. force (C) kN	L1 mm	L2 mm	P1 mm	P2 mm
M-20S	690	1070	3250	2276	401	940	1245
M-20G	740	1250	3250	2268	393	770	1181
M-20K	800	1480	3250	2376	501	540	1052
M-28S	1030	1400	4500	2631	542	1067	1517
M-28G	1120	1500	4500	2652	505	910	1480
M-28K	1190	1700	4500	2716	627	638	1273
M-38S	1300	2000	5900	3200	781	1230	1670
M-38G	1360	2000	5900	3250	709	1140	1665
M-38K	1510	2680	5900	3325	654	735	1495

HIGH SPEED

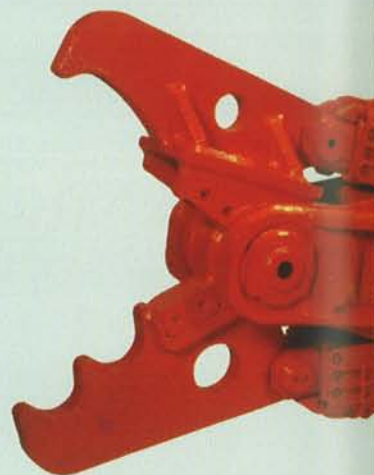
MODEL	Opening time sec.	Closing time sec.	Total cycle time sec.	Number of cycles n/min	Oil flow l/min
M-20	1,4	2,8	4,2	14	200
M-28	2,1	3,8	5,9	10	250
M-38	3,2	5,7	8,9	7	250

Specifications subject to change without prior notice



M-20K

Excavator weight: 17 - 24 ton
Rotation: 360° hydraulic



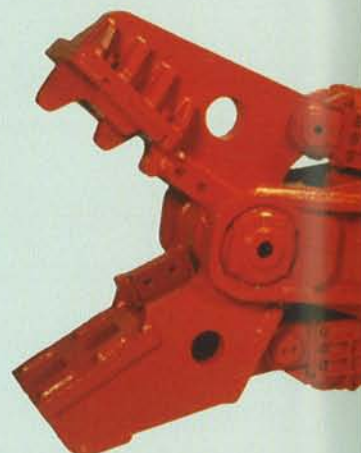
Crusher

Type S



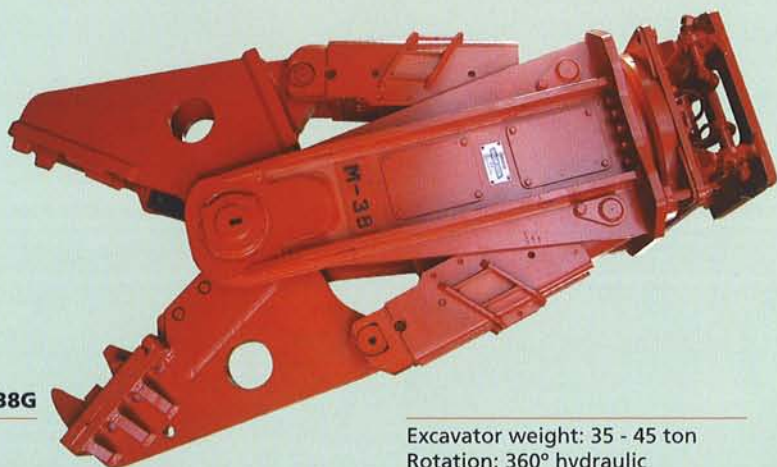
M-28K

Excavator weight: 28 - 40 ton
Rotation: 360° hydraulic



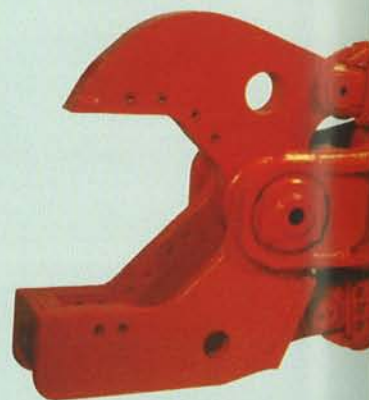
Cruncher

Type G



M-38G

Excavator weight: 35 - 45 ton
Rotation: 360° hydraulic



Scrap shear

Type K



HYDRAULIC HAMMERS

CONCRETE CRUSHERS

CONCRETE CRUNCHERS



MULTI-PROCESSORS

DEMOLITION GRABS

COMPACTORS



X-Y-Z CONCEPT

SHEET PILERS

DEALER

NPK Europe (Holland) bv

World Trade Center
PO Box 30157
3001 DD Rotterdam,
The Netherlands
Tel: +31 (0)10 205 1710
Fax: +31 (0)10 205 1715
E-mail: info@npke.nl