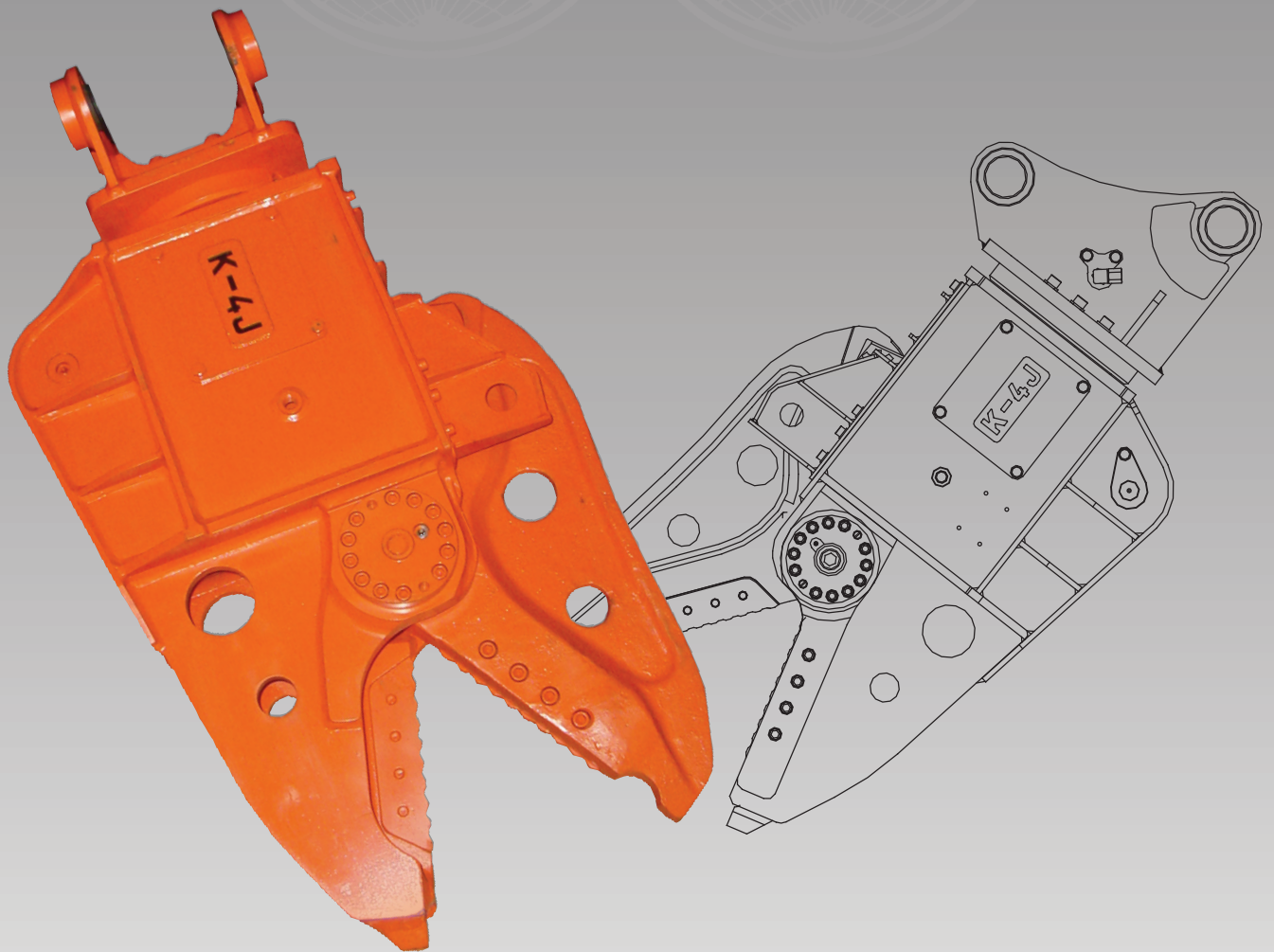


NPK®

Steel shears



NPK®

www.npke.eu

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



NPK STEEL SHEARS: Designed to improve efficiency

The NPK steel shears are designed to demolish steel structures in an efficient way. The complete design and shape of all the models helps to increase the visibility during operating the shears. The high cutting force and the standard integrated booster system makes each model one of the most efficient and powerful shears in its class. Each shear can be used for cutting any kind of steel like rebar or steel-beams (e.g. H-steel). The special construction of the main pin prevents the frame from opening and unwanted deformation. Therefore the space between the arms and cutters stays constant and prevents jamming of material between the cutters. Due to this unique construction even thin steel plate can be cut without any problem. The NPK steel shears are developed to meet the needs of the market for steel shears for mini-excavators. With the engineering of the shears a new booster system has been developed. The booster has been integrated in the cylinder and the amount of moving parts has been reduced.

FEATURES

- All models are equipped with an exclusive booster system that automatically activates when the jaws meet resistance.
- Waved shape cutters which hardly release the material.
- Unique system that tightens frame and arms to prevent frame to open or deform.
- This prevents jamming as cutting from thin steel plate to steel beam (e.g. H-steel).
- High cutting force.
- Unified frame and arm-design.
- Handling tip for manipulating material.
- Slim-line design to increase visibility on the job.
- Low weight, high reach and large jaw opening.
- Piston rod and hydraulic hoses are fully protected inside the crushers frame.
- Standard with 360° mechanical rotation or hydraulic rotation with rotator possible.
- Low oil flow, ensures other functions of the excavator are not influenced.
- Excellent stability for high-reach demolition.
- No additional pressure reduction is required in the hydraulic system.



K-4J

Excavator weight: 3,5 - 5,5 ton



TECHNICAL SPECIFICATIONS

Model	K-3J	K-4J	K-7J
Excavator weight (t)	2,5 - 3,5	3,5 - 5,5	6 - 9
Weight (kg)	280	370	680
Working pressure (MPa)	18	18	21
Oil flow (l/min)	30 - 50	30 - 50	50 - 80
Max. force (kN)	716	785	1290
Max. Jaw Opening (mm)	340	399	532
Cutter length (mm)	220	260	340

Technical specifications subject to change without prior notice



Waved shape cutter

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