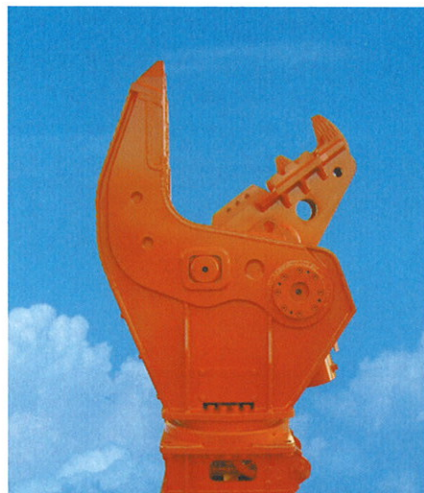


NPK[®]

**CONCRETE
CRUNCHER
U-21R**

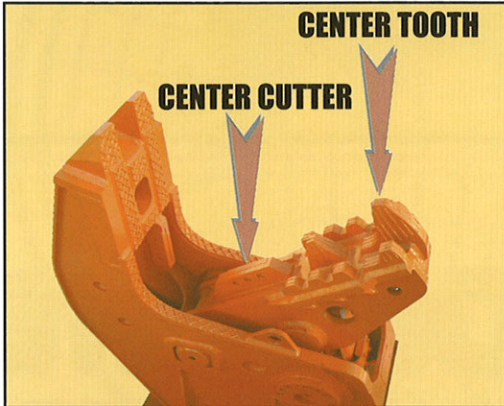


Unique technique!

NPK[®] U-21R

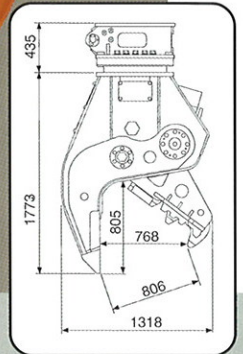
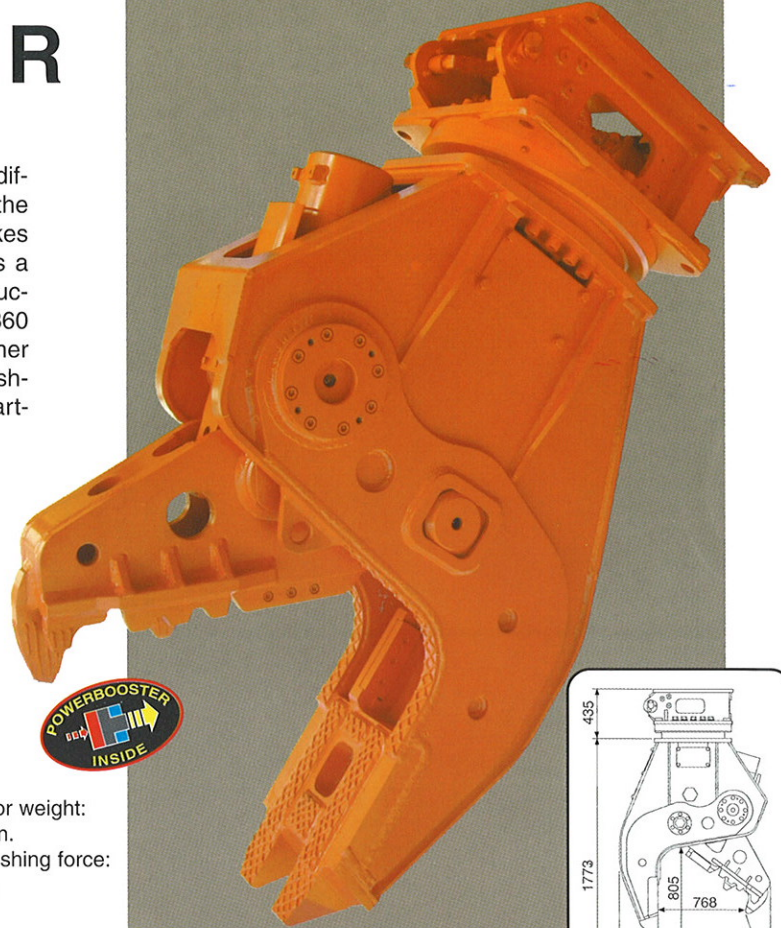
The crushing cruncher

Compared to NPK's G-series, the new U-21R shows important differences: one big center tooth and a center cutter. Because of the center tooth, all forces are concentrated to one point, which makes the U-21R act also as a crusher. Besides that, the U-21R has a relatively longer center cutter (200 mm) for cutting light steel structures, besides rebar. Another advantage of the U-21R is the 360 degrees hydraulic rotation, allowing great manoeuvrability. Together with the center tooth and cutter the U-21R is an ideal tool for crushing and cutting walls, floors and light steel structures, such as apartments, reinforced walls, etc.



Excavator weight:
18-24 ton.
Max. crushing force:
190 ton.

Full 360° power rotation



High speed - extreme power

As all NPK crushers and crunchers, the U-21R has the standard integrated boostersystem, a unique feature designed by NPK. This boostersystem automatically activates whenever the jaws meet resistance. This pressure intensifier system has a relatively low oil flow and produces faster cycle times and more crushing strength. Additionally, other excavator's functions remain uninfluenced. The integral booster allows a compact body design, reduces the total weight of the attachment and affords ease of maintenance.

Advantages

1. Standard integrated booster system that automatically activates when the jaws meet resistance.
2. Center tooth: more crushing power.
3. Hydraulic rotation 360° for precise positioning.
4. High productivity and extreme power.
5. Standard center cutter for rebar and light steel structures.
6. No additional pressure reduction is required in the hydraulic system.

Technical specifications:

NPK U-21R	Excavator weight	Operating weight	Max. jaw opening	Working pressure	Oil flow	Rotation Pressure	Rotation Oil flow
	ton	kg	mm	MPa	l/min.	MPa	l/min.
	18 - 24	2150	765	26	100 - 200	14	10 - 15
	Force (A)	Force (B)	Force (C)	Opening time*	Closing time*	Total cycle time*	Number of cycles*
	ton	ton	ton	sec.	sec.	sec.	n/min.
	81	130	190	1.2	1.6	2.8	22

Specifications subject to change without prior notice

*Based on oil flow of 200 L/min.



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