



# Demolition Shears

*...with NPK's Exclusive Hydraulic*

## ***INTENSIFIER SYSTEM***

*providing maximum cutting force  
and industry-leading cycle times!*

- Serrated Cutting Blades for Superior Grip and Control of Material
- Unique Design that Tightens Frame and Arms to Prevent Distortion
- Full 360° Mechanical or Hydraulic Rotation Available
- Low Weight with Large Jaw Opening
- Slim-Line Design to Increase Visibility
- Favorable Power-to-Weight Ratio
- Comprehensive Dealer Network Providing Sales, Parts and Service, and Backed by the Industry's Best Support!



**NPK ATTACHMENTS...designed, built and backed by NPK.**

# Demolition Shears

Designed and built to increase productivity and cut costs

NPK Demolition Shears are engineered and manufactured to world class standards to deliver optimum productivity on the most demanding demolition jobsites and steel processing operations. These shears are engineered to maximize performance with a slim-line design that increases visibility during operation and provides for efficient demolition of steel structures. The unique construction of the arm pin prevents distortion of the main frame and diminishes jaw deflection, this in turn maintains blade tolerances preventing jamming of material between the cutter blades.

## Designed and built tough for many years of use

Enclosed main frame provides structural integrity and long term durability while protecting all hydraulic components and hoses.

## Faster, more efficient demolition and processing of scrap material

The design incorporates abrasion resistant, high-strength bolt-on replaceable serrated cutting blades for better grip and increased control of material, as well as a robust handling tip for superior manipulation while processing scrap.

## SPECIFICATIONS

NPK Model	Skid Steer (lb-kg)	Excavator Class 2nd Member (lb-metric tons)	Excavator Class 3rd Member (lb-metric tons)	Working Weight* (lb-kg)	Max Jaw Opening (in-mm)	Max Jaw Depth (in-mm)	Cutter Length (in-mm)	Cycle Time** (sec)	Oil Flow (gpm-lpm)	Operating Pressure (psi-bar)	Max Cutting Force (lbf-kN)
K-3JFR	5,000 lb 2,270 kg	4,500-9,000 lb 2-4 metric tons	5,500-9,000 lb 2.5-4 metric tons	815 lb 370 kg	14.0 in 355 mm	13.9 in 352 mm	8.7 in 220 mm	1.2 close 0.6 open	8-16 gpm 30-60 lpm	2,610 psi 180 bar	164,110 lbf 730 kN
K-3JR	5,000 lb 2,270 kg	4,500-9,000 lb 2-4 metric tons	8,000-15,500 lb 3.5-7 metric tons	890 lb 405 kg	14.0 in 355 mm	13.9 in 352 mm	8.7 in 220 mm	1.2 close 0.6 open	8-16 gpm 30-60 lpm	2,610 psi 180 bar	164,110 lbf 730 kN
K-3JREH	5,000 lb 2,270 kg	4,500-9,000 lb 2-4 metric tons	9,000-15,500 lb 4-7 metric tons	1,090 lb 495 kg	14.0 in 355 mm	13.9 in 352 mm	8.7 in 220 mm	1.2 close 0.6 open	8-16 gpm 30-60 lpm	2,610 psi 180 bar	164,110 lbf 730 kN
K-4JFR	6,500 lb 2,950 kg	4,500-12,000 lb 2-5.5 metric tons	8,000-12,000 lb 3.5-5.5 metric tons	975 lb 440 kg	15.7 in 400 mm	15.7 in 400 mm	10.2 in 260 mm	1.3 close 0.7 open	8-19 gpm 30-70 lpm	2,610 psi 180 bar	179,850 lbf 800 kN
K-4JR	6,500 lb 2,950 kg	4,500-12,000 lb 2-5.5 metric tons	9,000-20,000 lb 4-9 metric tons	1,050 lb 475 kg	15.7 in 400 mm	15.7 in 400 mm	10.2 in 260 mm	1.3 close 0.7 open	8-19 gpm 30-70 lpm	2,610 psi 180 bar	179,850 lbf 800 kN
K-4JREH	6,500 lb 2,950 kg	4,500-12,000 lb 2-5.5 metric tons	10,000-20,000 lb 4.5-9 metric tons	1,250 lb 565 kg	15.7 in 400 mm	15.7 in 400 mm	10.2 in 260 mm	1.3 close 0.7 open	8-19 gpm 30-70 lpm	2,610 psi 180 bar	179,850 lbf 800 kN
K-7JFR	-	9,000-15,500 lb 4-7 metric tons	13,000-20,000 lb 6-9 metric tons	1,700 lb 770 kg	20.9 in 532 mm	21.0 in 534 mm	13.4 in 340 mm	1.3 close 0.7 open	13-34 gpm 50-130 lpm	3,045 psi 210 bar	290,000 lbf 1,290 kN
K-7JR	-	9,000-15,500 lb 4-7 metric tons	13,000-31,000 lb 6-14 metric tons	1,780 lb 810 kg	20.9 in 532 mm	21.0 in 534 mm	13.4 in 340 mm	1.3 close 0.7 open	13-34 gpm 50-130 lpm	3,045 psi 210 bar	290,000 lbf 1,290 kN
K-7JREH	-	9,000-15,500 lb 4-7 metric tons	13,000-31,000 lb 6-14 metric tons	1,820 lb 825 kg	20.9 in 532 mm	21.0 in 534 mm	13.4 in 340 mm	1.3 close 0.7 open	13-34 gpm 50-130 lpm	3,045 psi 210 bar	290,000 lbf 1,290 kN

\*Working weight includes mounting bracket. \*\*Cycle time is full stroke, without material, at maximum oil flow. Specifications subject to change without notice.

## 3 Rotation Options Available:

### • Mechanical/Free: "JFR" Models

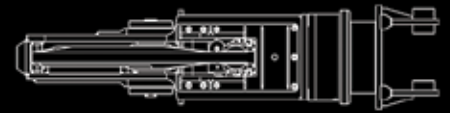
Equipped with a free mechanical style rotation bearing with heavy-duty spring-loaded stops. The free rotation bearing allows the crusher to self-position on material and rotate throughout the bite, eliminating twist on the machine arm.

### • Full Hydraulic: "JR" Models

Equipped with a full hydraulic rotation system which requires a secondary hydraulic circuit.

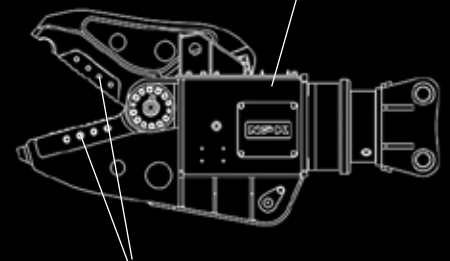
### • Electro-Hydraulic: "JREH" Models

Equipped with an electro-hydraulic selector valve allowing operation for both jaw and rotation off of a single auxiliary circuit and 12V power connection.



Slim-Line Design for Better Visibility

Enclosed Main Frame Protects All Hydraulic Components and Hoses



Bolt-On Replaceable Serrated Cutting Blades



## NPK's exclusive cylinder/intensifier design improves cutting power to handle the toughest jobs

Integral hydraulic intensifier system automatically boosts power when the jaws meet resistance, providing maximum shearing force and faster cycle times, improving productivity with a greater power-to-weight-ratio.

Competitive systems need larger cylinders to equal the force developed by the more compact NPK intensifier system.



**NPK Construction Equipment, Inc.**

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For more information on Demolition Shears

Each product sold by NPK is subject to an express written warranty. NPK makes no other warranty, express or implied, including any warranty of merchantability or fitness for any particular purpose. NPK is not liable for any incidental or consequential damages.

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