

# NPK

## Concrete Crushers U-Series



*...with NPK's Exclusive Hydraulic*

***INTENSIFIER SYSTEM***  
*providing maximum crushing/cutting  
force and industry-leading cycle times!*

- Designed to Effectively Handle Primary and Secondary Crushing Operations
- Bolt-On Replaceable Tooth Plates on both the Movable and Fixed Jaw on All "A" Models, Allow for Efficient Replacement of Worn or Damaged Teeth
- Replaceable Center Cutting Blade Slices Through Rebar and Light Steel Structures
- Full 360° Hydraulic Rotation Available
- 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.**

# Concrete Crushers (U-Series)

Features that are specifically designed for maximum productivity

NPK's Concrete Crushers are designed to effectively handle any primary and/or secondary demolition and recycling operation. NPK Crushers easily cut through reinforced concrete and light steel structures allowing material to be separated and recycled while simultaneously permitting easier handling of material.

## Faster, more efficient separation of concrete and steel rebar

Powerful crushing force increases when jaws meet resistance as the exclusive NPK cylinder intensifier converts flow to pressure.

## Designed for performance

The tooth configuration utilizes a high-profile center tooth and lower profile teeth on both sides of the moveable jaw. These crushers can be used for both primary and secondary crushing operations. Abrasion resistant, high strength, alloy steel teeth allow decreased wear and increased durability. In addition, the "R" models come with full 360° hydraulic rotation for maximum versatility.

## Maximum crushing/cutting force with more efficiency

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

## Shortest cycle time in the industry

NPK's exclusive integral hydraulic intensifier system provides faster cycle times compared to competitive units using larger cylinders that require considerable amounts of flow to produce an equal amount of productivity.

## Replaceable center cutter blade

Cutting-torch operations are eliminated by a high-strength steel center cutter that slices through rebar and light steel structures.

SPECIFICATIONS								
NPK Model	Recommended Carrier Weight (lb-metric tons)	Working Weight** (lb-kg)	Max Jaw Opening (in-mm)	Jaw Width (in-mm)	Cycle Time*** (sec)	Oil Flow (gpm-lpm)	Operating Pressure (psi-bar)	Max Crushing Force at Tip (lbf-kN)
U-21JA	42,000 - 62,000 lb 19 - 28 metric tons	4,800 lb 2,180 kg	31.5 in 800 mm	18.1 in 460 mm	1.6 close 0.8 open	26 - 53 gpm 100 - 200 lpm	3,770 psi 260 bar	145,000 lbf 645 kN
U-21JRA*	42,000 - 62,000 lb 19 - 28 metric tons	5,650 lb 2,565 kg	31.5 in 800 mm	18.1 in 460 mm	1.6 close 0.8 open	26 - 53 gpm 100 - 200 lpm	3,770 psi 260 bar	145,000 lbf 645 kN
U-31JA	62,000 - 106,000 lb 28 - 48 metric tons	6,250 lb 2,835 kg	38.6 in 980 mm	23.2 in 590 mm	2.9 close 1.6 open	26 - 66 gpm 100 - 250 lpm	4,060 psi 280 bar	258,530 lbf 1,150 kN
U-31JRA*	62,000 - 106,000 lb 28 - 48 metric tons	7,300 lb 3,310 kg	38.6 in 980 mm	23.2 in 590 mm	2.9 close 1.6 open	26 - 66 gpm 100 - 250 lpm	4,060 psi 280 bar	258,530 lbf 1,150 kN
U-45J	90,000 - 110,000 lb 41 - 50 metric tons	9,400 lb 4,265 kg	44.5 in 1,130 mm	25.6 in 650 mm	3.0 close 1.6 open	46 - 73 gpm 175 - 275 lpm	4,350 psi 300 bar	283,260 lbf 1,260 kN
U-45JR*	90,000 - 110,000 lb 41 - 50 metric tons	9,920 lb 4,500 kg	44.5 in 1,130 mm	25.6 in 650 mm	3.0 close 1.6 open	46 - 73 gpm 175 - 275 lpm	4,350 psi 300 bar	283,260 lbf 1,260 kN

\* "R" models come with full 360° hydraulic rotation for maximum versatility. \*\*Working weight includes mounting bracket. \*\*\*Cycle time is full stroke, without material, at maximum oil flow.

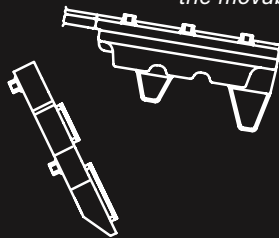
Specifications subject to change without notice.



## Bolt-on replaceable toothplates

On all "A" models, both the moveable and fixed jaw utilize bolt-on replaceable tooth plates that allow efficient replacement of worn or damaged teeth, reducing down-time while increasing crusher life.

("Non-A" models are equipped with the bolt-on replaceable toothplate on the moveable jaw only.)



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

Integral hydraulic intensifier system boosts power by amplifying cylinder pressure, reducing cycle time, improving productivity and providing greater power-to-weight ratio.



NPK Construction Equipment, Inc.

7550 Independence Drive | Walton Hills, OH 44146-5541

Phone (440) 232-7900

npkce.com



For more information on Concrete Crushers

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.