

# NPK



## **Primary/ Secondary Crushers**



...with NPK's exclusive  
**INTENSIFIER SYSTEM**  
providing maximum crushing/cutting  
force and faster cycle times!

- Bolt-on Replaceable, High-Profile Alloy Steel Teeth that enable Both Primary and Secondary Crushing
- Replaceable, High Strength Steel Center Cutter that Slices Through Rebar and Light Steel Structures
- Full 360° Free Power Rotation Available
- Industry's Most Comprehensive Field Service Corps

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



# PRIMARY/SECONDARY CRUSHERS

Features that are specifically designed for maximum productivity

NPK's Primary/Secondary 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, and simultaneously, permits 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

With the newly improved tooth configuration utilizing 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° power 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 on the job

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.

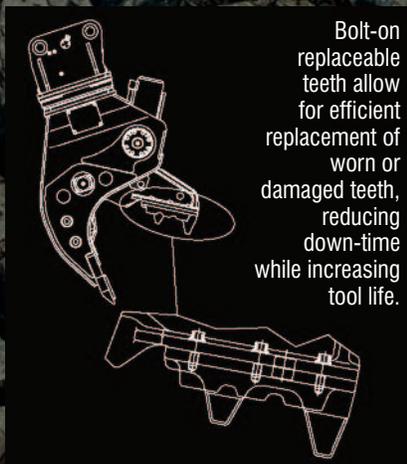
## The NPK advantage in parts and service

Over 280 NPK distributor outlets are professionally staffed and conveniently located to serve your needs. Just one of the many reasons that have made NPK the leader in boom-mounted attachments.

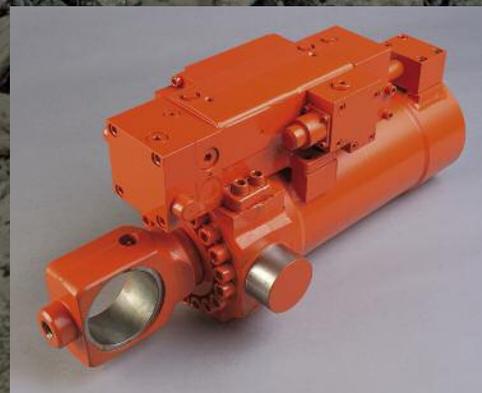
| Model          | Backhoe/Excavator Class (tons) | Weight (lb-kg)       | Specifications          |                   |                  |                    |                              |                                  |
|----------------|--------------------------------|----------------------|-------------------------|-------------------|------------------|--------------------|------------------------------|----------------------------------|
|                |                                |                      | 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 (tons) |
| <b>U-21J</b>   | 21-31                          | 4,650 lb<br>2,110 kg | 31.5"                   | 18.1"             | 1.6 close        | 26-53 gpm          | 3,771 psi                    | 73 tons                          |
|                |                                |                      | 800mm                   | 460mm             | 1.2 open         | 100-200 lpm        | 260 bar                      |                                  |
| <b>U-21JR*</b> | 21-31                          | 5,400 lb<br>2,450 kg | 31.5"                   | 18.1"             | 1.6 close        | 26-53 gpm          | 3,771 psi                    | 73 tons                          |
|                |                                |                      | 800mm                   | 460mm             | 1.2 open         | 100-200 lpm        | 260 bar                      |                                  |
| <b>U-31J</b>   | 31-53                          | 7,000 lb<br>3,175 kg | 38.6"                   | 23.2"             | 2.9 close        | 26-66 gpm          | 4,061 psi                    | 130 tons                         |
|                |                                |                      | 980mm                   | 590mm             | 2.4 open         | 100-250 lpm        | 280 bar                      |                                  |
| <b>U-31JR*</b> | 31-53                          | 8,000 lb<br>3,630 kg | 38.6"                   | 23.2"             | 2.9 close        | 26-66 gpm          | 4,061 psi                    | 130 tons                         |
|                |                                |                      | 980mm                   | 590mm             | 2.4 open         | 100-250 lpm        | 280 bar                      |                                  |
| <b>U-45JR*</b> | 43-55                          | 9,920 lb<br>4,500 kg | 44.5"                   | 25.6"             | 3.0 close        | 46-73 gpm          | 4,351 psi                    | 142 tons                         |
|                |                                |                      | 1,130mm                 | 650mm             | 2.4 open         | 175-275 lpm        | 300 bar                      |                                  |

\* "R" models come with full 360° power rotation for maximum versatility.

Specifications subject to change without notice. Cycle time is full stroke, without material, at maximum oil flow.



Bolt-on replaceable teeth allow for efficient replacement of worn or damaged teeth, reducing down-time while increasing tool life.



## NPK's exclusive cylinder 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.



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