

# NPK



## Concrete Crushers X-Series



*...with NPK's exclusive*

***INTENSIFIER SYSTEM***  
*providing maximum cutting/piercing  
force and faster cycle times!*

- Internal Demolition
- Slim Design
- Less Weight by Compact Design
- Large Jaw Opening
- Cylinder with Integrated Booster
- New Tooth Design with Carbide Sprayed Coating
- Piston Rod and Hoses Fully Protected Inside the Crusher's Frame
- Fast Opening / Closing Cycles
- Full 360° Mechanical or Hydraulic Rotation Available
- Reinforced Steel Cutters
- Linear Power Curve throughout the Jaw Cycle

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



# Concrete Crushers (X-Series)

## SPECIFICATIONS

NPK Model	Excavator Class 3rd Member (lbs-metric tons)	Working Weight (lbs-kg)	Max Jaw Opening (in-mm)	Max Jaw Depth (in-mm)	Oil Flow (gpm-lpm)	Operating Pressure (psi-bar)	Tip Force (lbf-kN)	Cycle Time (sec)
X-4A	9,000 - 12,000 lbs	975 lbs	173 in	15.7 in	8.0-18.0 gpm	3,045 psi	76,435 lbf	1.3 close
	4.0 - 5.5 metric tons	440 kg	440 mm	398 mm	30-70 lpm	210 bar	340 kN	0.7 open
X-4AR	9,000 - 20,000 lbs	1,050 lbs	173 in	15.7 in	8.0-18.0 gpm	3,045 psi	76,435 lbf	1.3 close
	4.0 - 9.0 metric tons	475 kg	440 mm	398 mm	30-70 lpm	210 bar	340 kN	0.7 open
X-4AREH	10,000 - 20,000 lbs	1,250 lbs	173 in	15.7 in	8.0-18.0 gpm	3,045 psi	76,435 lbf	1.3 close
	4.5 - 9.0 metric tons	565 kg	440 mm	398 mm	30-70 lpm	210 bar	340 kN	0.7 open
X-7A	13,000 - 20,000 lbs	1,630 lbs	21.6 in	18.9 in	13-34 gpm	3,625 psi	110,155 lbf	1.3 close
	6.0 - 9.0 metric tons	740 kg	550 mm	481 mm	50-130 lpm	250 bar	490 kN	0.7 open
X-7AR	13,000 - 31,000 lbs	1,710 lbs	21.6 in	18.9 in	13-34 gpm	3,625 psi	110,155 lbf	1.3 close
	6.0 - 14.0 metric tons	775 kg	550 mm	481 mm	50-130 lpm	250 bar	490 kN	0.7 open
X-7AREH	13,000 - 31,000 lbs	1,750 lbs	21.6 in	18.9 in	13-34 gpm	3,625 psi	110,155 lbf	1.3 close
	6.0 - 14.0 metric tons	795 kg	550 mm	481 mm	50-130 lpm	250 bar	490 kN	0.7 open

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



### Rotation Options

There are 3 rotation options available for the X-Series Crushers.

- "A" models are 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.
- "AR" models are equipped with a full hydraulic rotation system which requires a secondary hydraulic circuit.
- "AREH" models are equipped with an electro-hydraulic selector valve allowing operation for both jaw and rotation off of a single auxiliary circuit and 12V power connection.

### Cylinder design improves crushing/piercing power to handle the toughest jobs

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



### Replaceable Teeth (Optional)

The Concrete Crushers can be equipped with replaceable teeth, leading to easier replacement. The crusher can remain on site, while the teeth are changed or removed for refurbishment. Downtime is therefore kept to an absolute minimum, greatly enhancing production.

# NPK

**NPK Construction Equipment, Inc.**

7550 Independence Drive | Walton Hills, OH 44146-5541

Phone (440) 232-7900

[npkce.com](http://npkce.com)



**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.