

NPK



Concrete Crushers X-Series



*...with NPK's Exclusive Hydraulic
INTENSIFIER SYSTEM
providing maximum crushing/cutting force
and industry leading cycle times!*

- Well Suited for Internal/Select Demolition
- Favorable Power-to-Weight Ratio with Slim and Compact Design
- Simultaneously Closing Jaws with Replaceable Carbide Teeth and Integrated Cutting Blades
- Fast Opening and Closing Cycles with Constant Force
- Full 360° Mechanical or Hydraulic Rotation
- Hydraulic Components and Hoses Protected Inside the Crusher's Frame
- 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 (X-Series)

SPECIFICATIONS

NPK Model	Excavator Class 3rd Member (lb-metric tons)	Working Weight* (lb-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-4AFR	9,000 - 12,000 lb	975 lb	17.3 in	15.7 in	8 - 18 gpm	3,045 psi	76,435 lbf	1.3 close
	4 - 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 lb	1,050 lb	17.3 in	15.7 in	8 - 18 gpm	3,045 psi	76,435 lbf	1.3 close
	4 - 9 metric tons	475 kg	440 mm	398 mm	30 - 70 lpm	210 bar	340 kN	0.7 open
X-4AREH	10,000 - 20,000 lb	1,250 lb	17.3 in	15.7 in	8 - 18 gpm	3,045 psi	76,435 lbf	1.3 close
	4.5 - 9 metric tons	565 kg	440 mm	398 mm	30 - 70 lpm	210 bar	340 kN	0.7 open
X-7AFR	13,000 - 20,000 lb	1,560 lb	21.6 in	18.9 in	13 - 34 gpm	3,625 psi	110,155 lbf	1.3 close
	6 - 9 metric tons	710 kg	550 mm	481 mm	50 - 130 lpm	250 bar	490 kN	0.7 open
X-7AR	13,000 - 31,000 lb	1,640 lb	21.6 in	18.9 in	13 - 34 gpm	3,625 psi	110,155 lbf	1.3 close
	6 - 14 metric tons	745 kg	550 mm	481 mm	50 - 130 lpm	250 bar	490 kN	0.7 open
X-7AREH	13,000 - 31,000 lb	1,680 lb	21.6 in	18.9 in	13 - 34 gpm	3,625 psi	110,155 lbf	1.3 close
	6 - 14 metric tons	760 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.

Compact and Slim Design

The X-Series Concrete Crushers are well suited for smaller carriers that can fit into tight spaces, making them ideal for internal demolition and other specialty applications.

Concentrated forces fracture the concrete, allowing reinforcement wire/steel to be exposed and then efficiently cut with the cutter blades located in the throat of the unit.



3 Rotation Options Available:

- **Mechanical/Free: "AFR" 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: "AR" Models**

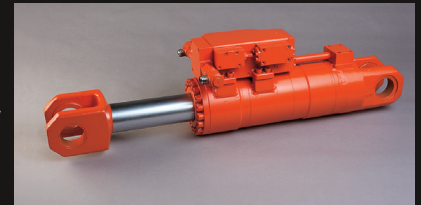
Equipped with a full hydraulic rotation system which requires a secondary hydraulic circuit.

- **Electro-Hydraulic: "AREH" 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.

Cylinder design improves crushing/cutting 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

The X-Series Concrete Crushers are equipped with replaceable carbide teeth, allowing for longer service life and quick replacement in the field, thus increasing uptime.

Additionally, the integrated cutting blades can be flipped, allowing for both sides to be utilized; they can also be shimmed as wear occurs, extending the life of the cutting blades before having to replace them.

NPK

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for more information

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