

When Versatility, Reliability, and Long Service Life Matter!



TerraSource Global's Pennsylvania Crusher reversible impactors use free-air impact to fracture materials along natural fault lines and an open-bottom design to evacuate material quickly. This combination generates fewer fines and consumes less horsepower per ton than hammermills.

We manufacture two types of reversible impactors: The CAL and the CXC. To help determine the best model for you, we provide direct consultation with our engineering team at our Demonstration & Testing Center. Our engineers will run your material through full-production units and perform a detailed analysis of the results. They'll work with you to determine the right size and configuration for your critical processes based on the extensive testing data. Go to TerraSource.com or ask your local sales representative for more details.

CAL Models

Our CAL models are the preferred choice of the mineral processing industry.

Received optimum value of your investment

- Tight top-size control and minimum fines increase production capabilities
- High reduction ratios (up to 35:1) reduce need for multiple machines in a series
- Open-bottom design consume less horsepower per ton and prevents overcrushing
- Reversible rotation maintains sharp hammer profiles and doubles the wear area, which improves crushing performance

Contact your local sales representative to learn more about the benefits of a long-term partnership with TerraSource Global.

- Cast hammer profiles meet the requirements of diverse operations

Minimize your downtime

- Cast breaker blocks facilitate speedy maintenance
- Detachable center housing permits easy removal of the rotor assembly
- Open bottom design protects against damage from uncrushables
- Split bearing housing enables fast and simple inspection and maintenance
- Individually replaceable breaker blocks maximize part life and reduce maintenance costs
- Hinged breaker block supports compensate for wear without shutting down equipment

Built to last

Our CAL's heavy-duty and durable construction enables continuous, reliable operation.

- Reversible rotation equalizes wear on hammers and breaker blocks
- Keyed abrasion-resistant rotor discs resist shifting during operation
- Tapered bore self-aligning spherical roller bearing smoothly handles harsh loads

Extended wear life

- Durable carbon manganese liners
- Sturdy cast breaker blocks and hammers
- Heat-treated alloy steel rotor shaft
- Optional upgrade to Duralife® AP Hammers - engineered with special advanced alloys that optimize wear resistance and toughness

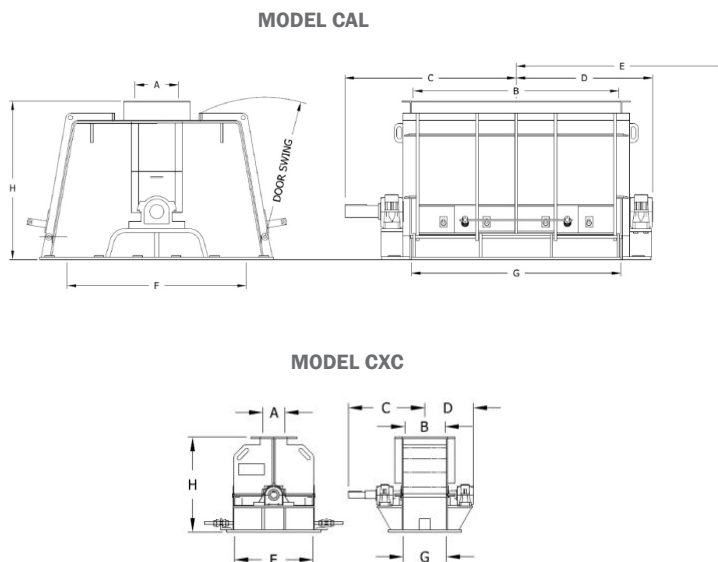
Reversible Impactors

CXC model

Our CXC model is the same sturdy machine as the CAL in a smaller package.

- Small installation space increases adaptability to plant layouts
- Reduction ratios up to 16:1 reduce need for multiple machines in a series
- Adjustable lower breaker block assemblies compensate for wear without shutting down equipment

Dimensions and Weights



MODEL CAL REVERSIBLE IMPACTORS		APPROXIMATE LAYOUT DIMENSIONS* AND SHIPPING WEIGHTS IN (MM)							
MODEL	INPUT OPENING		OVERALL WIDTH REQUIREMENTS			DISCHARGE OPENING		HEIGHT H	WEIGHT LBS (KG)
	A	B	C	D	E**	F	G		
3-32A	9.75" (248)	13" (330)	20-7/8" (530)	14-1/4" (361)	14" (356)	71" (1803)	55" (1397)	48" (1219)	4,200 (1,905)
5-32A	13" (330)	19-1/4" (489)	27" (686)	19" (483)	28" (711)	55" (1397)	19-1/4" (489)	48" (1219)	5,950 (2,700)
5-38A	15-1/2" (394)	19-1/4" (489)	27" (686)	19-5/8" (498)	34-1/2" (876)	63-1/4" (1607)	19-1/4" (489)	57" (1448)	8,400 (3,810)
7-38A	15-1/2" (394)	28-1/2" (724)	32-5/8" (829)	24-3/8" (619)	42" (1067)	63-1/4" (1607)	30" (762)	57" (1448)	10,900 (4,944)
9-38A	15-1/2" (394)	38" (965)	38-1/2" (978)	29" (737)	56" (1422)	63-1/4" (1607)	38" (966)	57" (1448)	13,300 (6,033)
11-38A	15-1/2" (394)	48" (1219)	48" (1219)	36" (914)	72" (1829)	63-1/4" (1607)	49-1/2" (1257)	57" (1448)	15,450 (7,008)
13-38A	15-1/2" (394)	57-3/8" (1457)	52-11/16" (1338)	40-11/16" (1033)	77" (1956)	63-1/4" (1607)	58-7/8" (1495)	57" (1448)	17,750 (8,051)
11-44A	18" (457)	48" (1219)	48" (1219)	36" (914)	72" (1829)	74-1/2" (1892)	49-3/4" (1264)	66" (1676)	19,000 (8,618)
15-44A	18" (457)	66-3/4" (1695)	57-3/8" (1457)	45-3/8" (1153)	100" (2540)	74-1/2" (1892)	68-1/4" (1734)	66" (1676)	24,900 (11,294)
19-44A	18" (457)	85-1/2" (2172)	71-3/16" (1808)	56-23/32" (1441)	129" (3277)	74-1/2" (1892)	87" (2210)	66" (1676)	34,000 (15,422)

MODEL CXC REVERSIBLE IMPACTORS		APPROXIMATE LAYOUT DIMENSIONS* AND SHIPPING WEIGHTS IN (MM)							
MODEL	INPUT OPENING		OVERALL WIDTH REQUIREMENTS			DISCHARGE OPENING		HEIGHT H	WEIGHT LBS (KG)
	A	B	C	D	E**	F	G		
00-16	6" (152)	11" (279)	20-15/16" (532)	13-1/4" (337)	N/A	21-1/2" (546)	11-3/4" (298)	25-1/2" (648)	825 (374)

* Certified drawings will be furnished for installation. AutoCAD drawings available upon request.
 ** Clearance for removal suspension bar. Supervised installation available.

Common Applications include

Limestone, bottom ash, carbon, coal, fertilizers, potash, metallic dross, foundry sand, glass, graphite, green and fired brick, ceramics, phosphates, salt cakes, salg, and tungsten carbide, plus a wide range of other ores, minerals, and materials.

TERRASOURCE
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OUR FLAGSHIP BRANDS

GUNDLACH CRUSHERS **JEFFREY RADER** **Pennsylvania** Crusher

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