Gundlach Crushers™
Cage-Paktor®

Cage-Paktor® 2C4R

First in 3-D CRUSHING

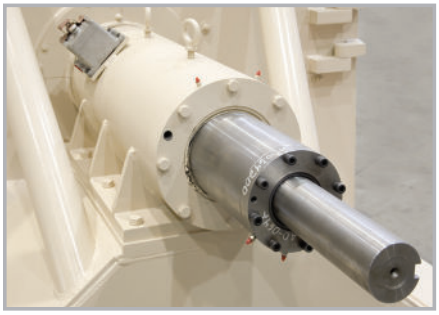
Cage-Paktor® 1C3R

Precision Crushing for Tough Materials with Maximum Efficiency and Minimal Maintenance.

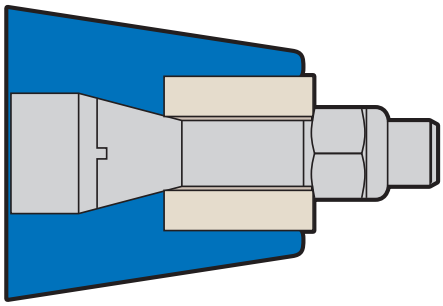
Compact Powerhouse: The Cage-Paktor®

The CAGE-PAKTOR models deliver efficient, selective crushing, ideal for wet, sticky, and hard-to-crush materials. With a compact design that reduces floor space and operating costs, they maximize crushing efficiency. Multiple rows of impact bars selectively reduce oversized particles, allowing in-size material to pass through, lowering fines and power use.

Maintenance is simplified with features like a swing-away door for easy cage access and an optional on-board cage jack, eliminating the need for cranes. The optional Air Cannon System prevents material buildup, ensuring continuous operation. Both models offer durable options like fully-welded cages or replaceable striking plates, providing flexibility, efficiency, and low-maintenance operation for demanding applications.



Gundlach's unique shaft-within-a-shaft design sets it apart from the competition.

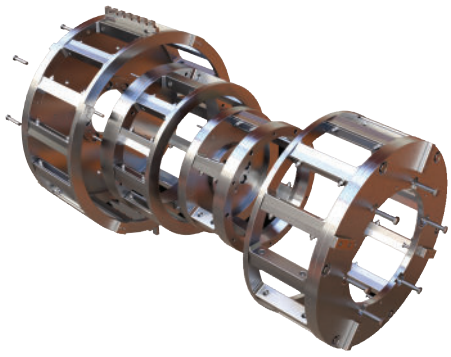


Wrap-around strike plate (blue) design protects structure.

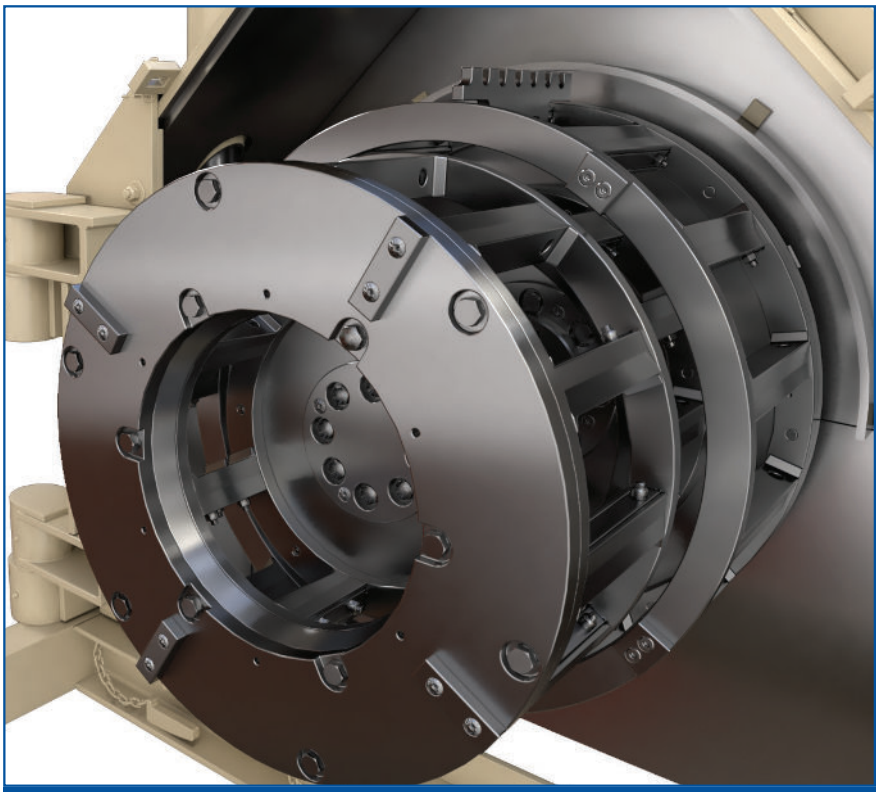
Next-Generation Cage Mill

Re-engineered Cage-Paktor® cages offer the most durability, convenience, and value on the market. Its segmented design is a game changer. Traditional cages are a single, welded unit that requires entire unit to be replaced or rebuilt.

This newer next-gen cage rows and major components are bolted on. Simply remove the cage, unbolt old components, and bold in the new.



Simpler, quicker, and more affordable!



Screenless impact crushers that rely on concentric steel cages to size materials.

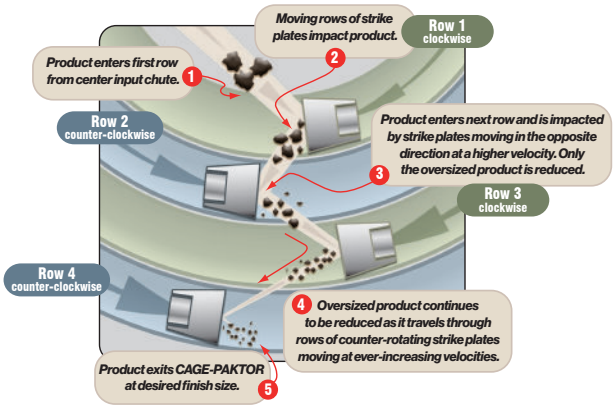
Multiple configurations available, most common are:
- 2 rotating cages with 4 impact rows or
- 1 rotating cage with 3 impact rows (center one is stationary)

How It Works

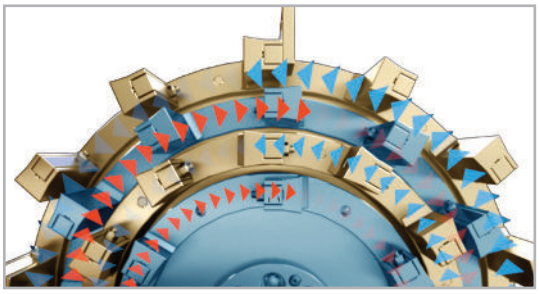
Crushing in the CAGE-PAKTOR is governed by two essential factors: the mass of the particle and the velocity at which it is struck. Material enters directly into the crusher's center through the low-friction inlet (or feed chute), where it encounters multiple rows of impact bars, offering selective stages of impact reduction.

The simplicity of the process lies in the operating speed (rpm), which is the only factor that influences product size. As particles pass through the counter-rotating cages, only those large enough in mass are affected, while already-to-size particles from previous reduction stages remain unchanged, resulting in fewer fines. This multi-stage crushing mechanism minimizes product oversize, enhances crushing efficiency, and ensures a higher yield of product within the desired size range.

Precision Crushing for Tough Materials with Maximum Efficiency and Minimal Maintenance.



2C4R Model (4 Rows of Striking Surfaces)



Speed of Cage(s) is the only variable to control output size

Optional cage jack is available on 2C4R to aid in cage removal.

Swing-away door on 1C3R Model 50 speeds maintenance.

Cage-Paktor Model Specifications

Family	Model	Drive Shaft Dia.	Drive Shaft	Main Case
1C3R	301C3R	2 7/16 inch	Alloy Steel	½ inch thick structural steel plate
1C3R	401C3R	4 3/16 inch	Heat Treated Alloy Steel	5/8 inch thick steel plate
2C4R	40B2C4R	2 15/16 inch (Small) 6 1/2 inch (Large)	Heat Treated Alloy Steel (Small) High Strength Steel Tubing (Large)	5/8 inch thick steel plate
1C3R	501C3R	6.935 inch	Heat Treated Alloy Steel	3/4 inch thick steel plate
2C4R	50B2C4R	3 3/4 inch (Small) 8 1/16 inch (Large)	Heat Treated Alloy Steel (Small) High Strength Steel Tubing (Large)	3/4 inch thick steel plate
1C3R	751C3R	6 15/16 inch	Heat Treated Alloy Steel	3/4 inch thick steel plate
2C4R	75B2C4R	6 inch (Small) 13 1/8 inch (Large)	Heat Treated Alloy Steel (Small) High Strength Steel Tubing (Large)	3/4 inch thick steel plate

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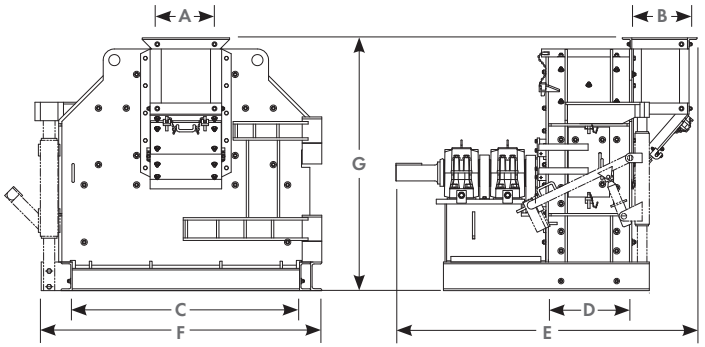
Dimensions and Weights

1C3R Model (3 Rows of Striking Surfaces)

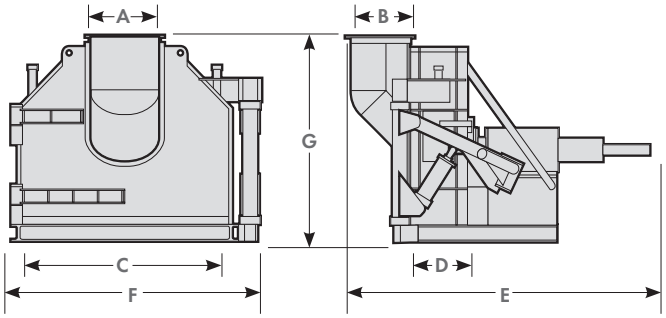
- Available with 1016 mm (40″), 1270 mm (50″), and 1905 mm (75″) cage assemblies
- Shaft supported via double row, spherical roller bearings
- Ability to process lumps in feed material
- 401C3R: processes up to 57 mm (2.25″) lumps
- 501C3R: processes up to 101 mm (4″) lumps
- 751C3R: processes up to 127 mm (5″) lumps



MODEL	MAX CAPACITY (50, 75, 100 PCF)	INLET OPENING		DISCHARGE OPENING		LENGTH	WIDTH	HEIGHT	WEIGHT
		A	B	C	D	E	F	G	LBS (KG)
401C3R	125, 156, 187	15" (381)	12.75" (324)	55.5" (1410)	18" (457)	75.5" (1918)	70" (1778)	63.5" (1527)	9,200 (4,173)
40B2C4R	125, 156, 187	15" (381)	12.75" (324)	55.5" (1410)	18" (457)	87" (2210)	73" (1854)	63.5" (1527)	8,000 (3,629)
501C3R	250, 312, 375	20" (508)	16" (406)	70" (1778)	24.5" (622)	94.75" (2405)	94" (2384)	80" (2032)	15,900 (7,212)
50B2C4R	250, 312, 375	20" (508)	16" (406)	70" (1778)	24.5" (622)	109.5" (2781)	94" (2384)	80" (2032)	17,700 (8,029)
751C3R	600, 750, 900	34" (864)	24" (610)	104.5" (2654)	29" (368)	131.25" (3334)	133.5" (3391)	111.75" (2838)	38,000 (19,237)
75B2C4R	600, 750, 900	34" (864)	24" (610)	104.5" (2654)	29" (368)	143" (3631)	143" (3631)	111.75" (2838)	44,000 (19,958)

2C4R Model (4 Rows of Striking Surfaces)

- Available with 1016 mm (40″), 1270 mm (50″), and 1905 mm (75″) cage assemblies
- Exclusive "Shaft Within A Shaft" design allows both motors to be installed on the back side of the machine – saving floor space and making maintenance easier
- Ability to process lumps in feed material
- 40B2C4R: processes up to 57 mm (2.25″) lumps
- 50B2C4R: processes up to 101 mm (4″) lumps
- 75B2C4R: processes up to 127 mm (5″) lumps



Excelling in Applications for Various Product Sizes:

- Calcined Anthracite
- Coal Middlings for ash and sulfur separation
- Closely-Sized Fine Limestone for glass manufacture and poultry feed supplement
- Coal for cyclone boiler feed, FB boilers, fuel injection into blast furnaces and pipeline feed
- Coke Breeze for recycle to coke ovens
- Fertilizer
- Glass Sand
- Iron Ores
- Lightweight Aggregates
- Limestone for FB boilers
- Metal-Bearing Ores
- Refractory Materials
- Silica
- Sintered Fly Ash
- Slags
- Stone Sand
- Tailings