

GÜNDLACH **CAGE-PAKTOR®**

Your
Best Source
For
Crushers



CAGE-PAKTOR® MEANS BUSINESS

We absolutely mean business. **CAGE-PAKTOR** is a mean machine offering solid business reasons to be included in your operations.

Versatile

100 mm feeds to 2 mm product.

Uniform crushing

Materials with sufficient mass are crushed while already-to-size materials pass through a **CAGE-PAKTOR**®.

Economical

Horsepower required is in direct proportion to work performed (so more selective crushing reduces power requirements) and operating costs.

No Adjustments Needed

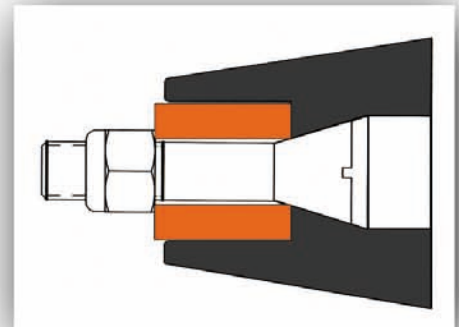
Patented striking plate prevents change of product size making adjustments for wear unnecessary.

Compact

Unique design requires less floor space.

Easy Maintenance

Swing away door provides immediate access.

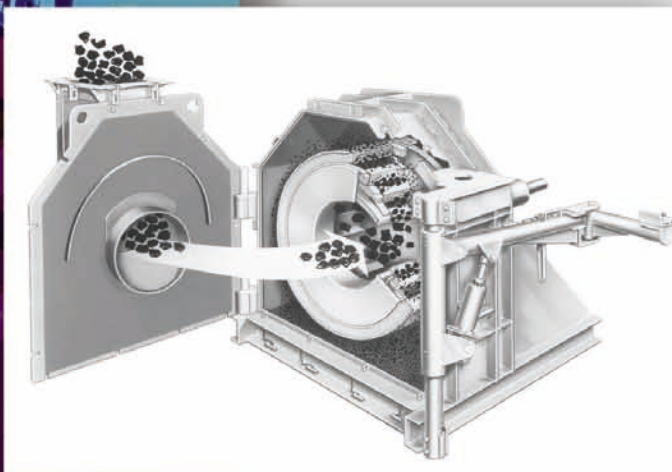


Wrap-around striking plate design protects structure (orange).

Maximize Your Return on Investment By Maximizing Your Product Yield

The **GUNDLACH CAGE-PAKTOR**® is the impactor that needs no screens.

Impact crushing is affected by two key factors – the mass of the particle and the velocity at which the particle is hit. The **CAGE-PAKTOR** utilizes multiple rows of impact bars to offer selective stages of impact reduction. The beauty of the **Gundlach CAGE-PAKTOR** is its simplicity – *operating speed (rpm) is the only factor that affects product size.*



How the **CAGE-PAKTOR** Works

Material enters directly into the **CAGE-PAKTOR**'s center through the low-friction inlet chute. Only particles large enough in mass are affected as they pass through the counter-rotating cages. Already-to-size particles produced from previous stages of reduction are not reduced; therefore less fines are created. Meanwhile, the multiple stages of crushing inside the **CAGE-PAKTOR** minimize product oversize, achieving greater crushing efficiency and producing more product in the size range desired.

More “Selective” Crushing Equals Less Horsepower

The **CAGE-PAKTOR** “selectively” crushes your material. Already-to-size particles pass through the crusher without major effect. Horsepower required is in direct proportion to the work performed by the crusher. More selective crushing reduces horsepower requirements.

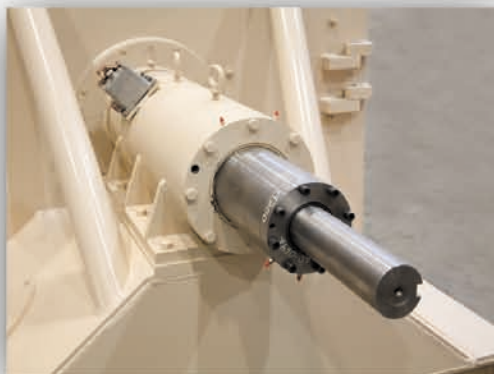
The result: Lower operating cost.

Constant Material Processing Control

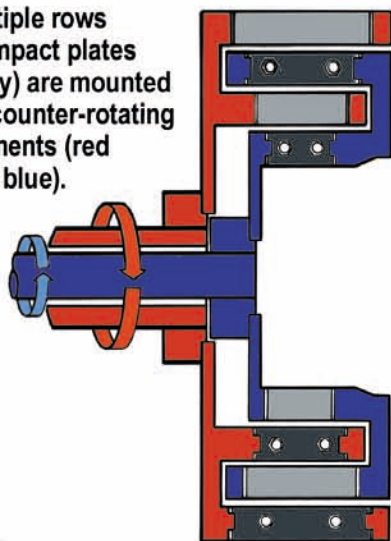
CAGE-PAKTOR features the Gundlach patented striking plate design – a unique innovation to control the path of material as it passes through the multiple stages of impact. Our patented striking plate design maintains desired product size during the life of the plates. *The results: Adjustments for wear are unnecessary. Your operations receive constant processing control.*

Intelligence in Design

- Gundlach’s original shaft-within-a-shaft design enables the **CAGE-PAKTOR** to be compact, take up less floor space and keep the motor(s) to one side to make maintenance easy.
- The swing-away door opens without removing any components to give immediate cage access.
- An optional on-board cage removal jib crane swings into position to remove cages for repair without the need of overhead cranes or extra help.
- Replaceable “wrap-around” striking plates offer increased tonnage life plus wear protection to the structural members and are replaceable without dismantling any other components.
- Gundlach’s exclusive optional **Air-Cannon System** keeps even the most sticky material from building up and clogging the **CAGE-PAKTOR**.



Multiple rows of impact plates (grey) are mounted on counter-rotating elements (red and blue).



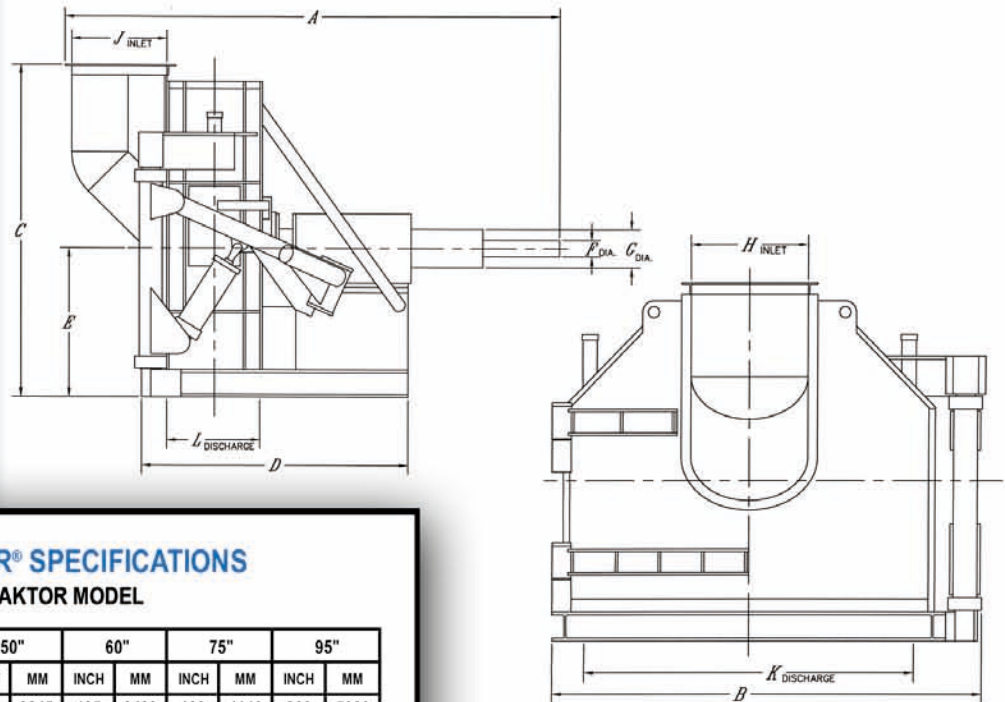
This Model 50B-2C4R **CAGE-PAKTOR** with an optional jib crane is ready to remove cages.

GUNDLACH CAGE-PAKTORS® are proving their superiority
with major processing companies around the world.

APPLICATION	END PRODUCT	APPLICATION	END PRODUCT
Coal for coke oven feed	90% minus 6 Mesh	Crushing & mixing (lead sinter & concentrate)	Minus 1/4"
Coke breeze for sinter fuel	90-92% minus 1/8"	Sea coal	Minus 30 Mesh
Calcined petroleum coke	Max. 6 Mesh x 35 Mesh (70-75% Recovery)	Graphite	Minus 6 Mesh
Green petroleum coke	Minus 1/4"	Coke breeze	Minus 20 Mesh
Metallurgical coal to free sulfur ..	Approximately 6 Mesh	Salt	Max. 3/8" x 30 Mesh
Limestone for ag lime	Minus 8 Mesh	Iron ores for sintering	Minus 1/4"
Trap rock for roofing granules ...	Max. 10 x 35 Mesh (60% yield)	Cement pellets	Minus 200 Mesh
Coal refuse prior to pumping	Minus 1"	Solar salt	Minus 30 Mesh
Potash ore prior to flotation	Minus 8 Mesh	Glass	Minus 30 Mesh
Compacted potash flake	Max. 6 x 14 Mesh	Potash middlings	Minus 3/8"
Phosphate tailings	Minus 20 Mesh	Power coal, roller-mill feed	Minus 1-1/4"
Gypsum	Minus 1/4"		

Other important **CAGE-PAKTOR** applications where various product sizes are required:

Stone sand • Calcined petroleum coke • Coal middlings for ash and sulfur separation
• Coal for fuel injection into blast furnaces • Coal for cyclone boiler feed • Coal for pipeline feed • Closely sized fine limestone for poultry feed supplement and glass manufacture • Coke breeze for recycle to coke ovens • Calcined anthracite
• Refractory materials • Lightweight aggregates • Sintered fly ash • Slags • Iron ores
• Glass sand • Tailings • Metal bearing ores • Fertilizer • Silica • Limestone for FB Boilers • Coal for FB Boilers



CAGE-PAKTOR® SPECIFICATIONS

CAGE-PAKTOR MODEL

	30"		40"		50"		60"		75"		95"	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
A	53	1346	89	2261	112	2845	135	3429	163	4140	200	5080
B	46	1168	68	1727	82	2083	123	3124	134	3404	127	3226
C	47	1194	64	1626	79	2007	99	2515	111	2819	131	3327
D	36	914	54	1372	68	1727	80	2032	88	2235	165	4191
E	22	559	29	737	36	914	44	1118	50	1270	66	1676
F	--	--	2.9	74	3.8	97	4.3	109	5.4	137	7	178
G	2.4	61	6.5	165	7.9	201	10.5	267	12.8	325	12.9	328
H	11	279	14	356	21	533	26	660	33	838	56	1422
J	11	279	14	356	19	483	21	533	29	737	41	1041
K	37	940	56	1422	70	1778	93	2362	105	2667	105	2667
L	10	254	18	457	24	610	28	711	29	737	46	1168
UNIT	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.	LBS.	KGS.
WEIGHT	2,850	1,293	9,050	4,105	16,450	7,462	33,000	14,969	43,500	19,732	94,000	42,676

Opposed Shaft and Single Shaft Designs are also available.

GUNDLACH

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