

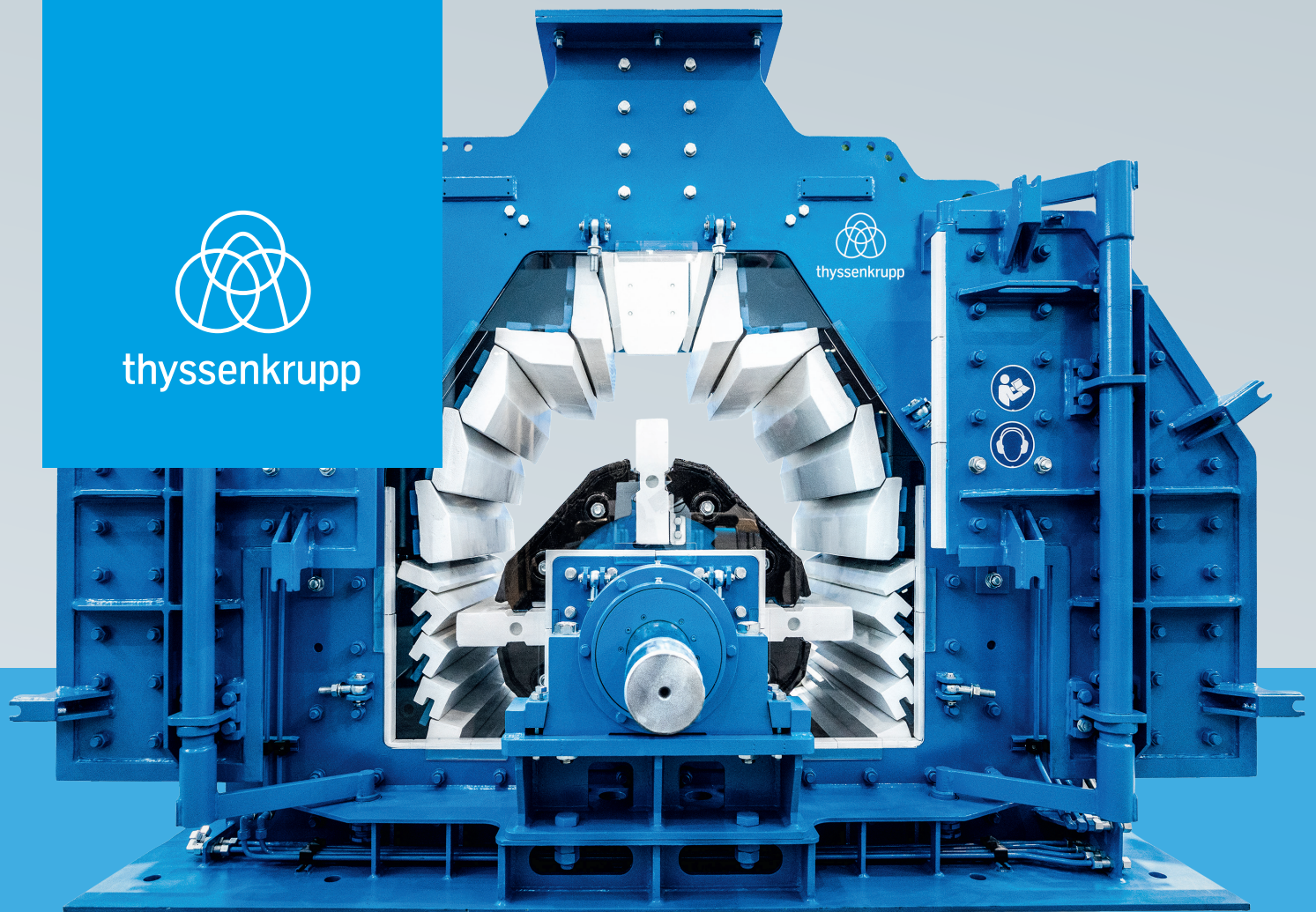
Industrial Solutions

variopactor® — reversible impact crusher

The all-in-one solution for
producing gravel, chippings
and sand



thyssenkrupp

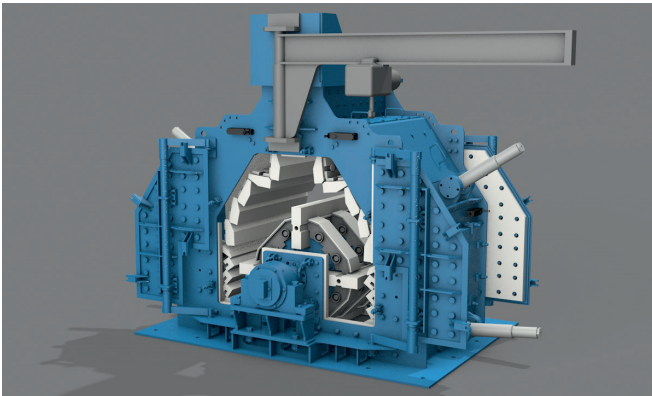


High flexibility and outstanding reliability for your operation

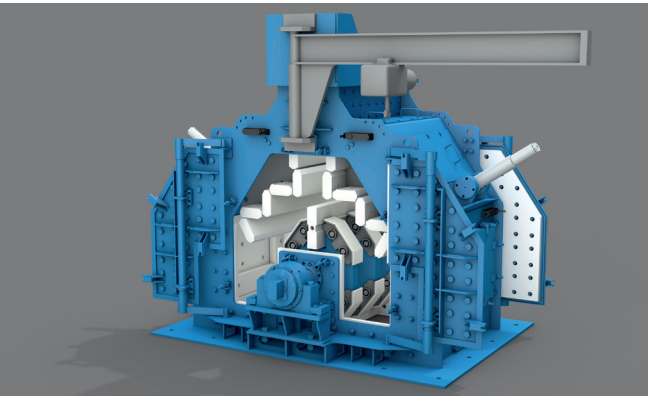
The variopactor® is the all-in-one solution from thyssenkrupp Industrial Solutions for cost-effective production of gravel, chippings and sand. In tertiary crushing the variopactor® guarantees consistent product quality and high cubicity.

Our customers benefit from our many years of experience and from our research and innovative power to make proven solutions even better, and to adapt them to current requirements. As a leading supplier of machines and plant solutions for the aggregates and mining industry, we have a vast and constantly up-to-date

product portfolio. The newly developed variopactor® stands out through the use of innovative materials combined with a modular and practical design. Additionally, we offer you the know-how and service you need for the entire life cycle of your machine.



variopactor C



variopactor S

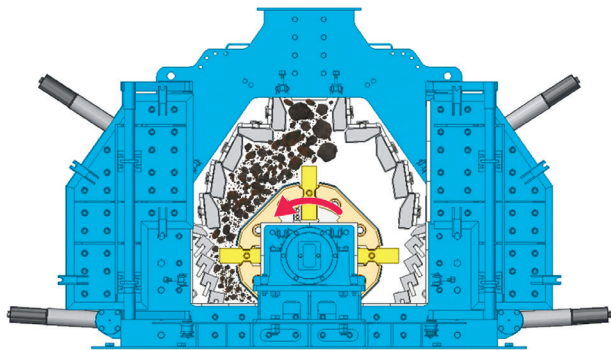
With its modular design, the variopactor® can be adapted to a wide variety of applications. Different types of rotors with various set-ups for impact aprons and grinding paths make it a very versatile piece of equipment for producing gravel, chippings and sands.

Performance

The variopactor® is the latest addition to thyssenkrupp's impact crushing portfolio. The variopactor® is designed as a tertiary crusher for producing gravel, chippings (C-type) and sand (S-type) meeting highest requirements on cubicity and crushed surfaces.

The C-type crusher is typically equipped with 4 blow bars and a grinding path. The S-type on the other hand has a standard of 2 blow bars without a grinding path being installed.

The variopactor® allows for the rotor to be operated in both directions. For this purpose housing, rotor and crushing chamber are designed symmetrically. This way a constant product quality can be maintained while reducing maintenance and service times. Impact aprons and grinding path are furthermore controlled electro-hydraulically. This allows grain distribution to be optimized quickly and conveniently at the touch of a button. Large, easy-to-open doors on both sides and an assembly crane enable easy access to the crushing chamber and quick replacement of the worn-out parts.



Depending on the application different types of blow bars can be utilized, such as the innovative compound material MMC which is made of highly wear-resistant steel alloys. Titanium-carbide inlays are casted into the edge of the blow bar, where most of the wear takes place.

Benefits of the variopactor®

- Production of gravel, chippings and sand with one machine
- Applicable in medium hard to hard rock
- Constant product quality with high cubicity
- Extended lifetime thanks to new materials
- High interchangeability of wear plates, reaching 95 %
- Easy access from both sides through large doors
- Modular concept with different options for rotors, impact aprons and grinding paths
- Quick and convenient optimization of the grain distribution

variopactor®							
Model	Rotor	Number of blow bars	Main dimensions	Capacity	Product size	Motor power	Weight
	[mm]		[mm]	[t/h]	[mm]	[kW]	[kg]
variopactor® 1005 S	1,000 x 500	2	1,900 x 4,100 x 1,900	60	0-4	200	6,000
variopactor® 1010 S	1,000 x 1,000	2	2,400 x 4,100 x 1,900	120	0-4	250	8,000
variopactor® 1005 C	1,000 x 500	4	1,900 x 4,100 x 1,900	60	0-16	200	6,500 (incl. grinding path)
variopactor® 1010 C	1,000 x 1,000	4	2,400 x 4,100 x 1,900	120	0-16	250	9,000 (incl. grinding path)
variopactor® 1015 C	1,000 x 1,500	4	2,900 x 4,100 x 1,900	180	0-16	315	11,100 (incl. grinding path)

The operation values are considered to be approximate and will be finally determined on the basis of the specific task and the material characteristics.

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