

# INTERCASTOR

KONSTRUKCJE STALOWE

## CASTOR DOUBLE-SHAFT CRUSHERS

tight, compact design | high efficiency | simple operation | quiet operation



Hopper and base are made according to the customer's requirements

Control: IP 54 safety class

Safety level consistent with the EU directive 98/37/EC.

Castor double-shaft crushers are used for minimization of waste volume or for its preparation for further recycling processes. The use of crushing allows reduction of waste volume to 90%.

## CASTOR 800 CRUSHER IN PROCESS LINE for crushing housings of cooling devices and for metal separation from plastics

Castor 800 22 kW crusher

belt conveyor with support structure  
(selection of belt width and length depending on the customer's needs)

Magnetic belt separator for hanging over the belt conveyor,  
designed for capturing  
and automatic separation of ferrous  
metals from the material transported on the belt.



More materials of the process line  
and a video are available at  
[www.intercastor.pl](http://www.intercastor.pl)





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The concept of operation comes down to the work of two low-speed, asynchronously rotating cutting shafts.

On each shaft are located cutting discs made of special steel.

Each disc has two hooks, the purpose of which is to draw the material intended for crushing and to remove the crushed material.

The housing of the cutting mechanism is made from special profiles and sheets, with the highest possible precision, thanks to the use of CNC technology.

Knives, shafts, spacers and all the other moving elements or elements contacting the crushed material have been subjected to heat treatment.

The entire structure is resistant to warping.

### EFFECTIVENESS AND SAFETY

CASTOR crushers are equipped with automatic reversing system protecting them against damage resulting from entry of material which cannot be crushed (e.g. solid metal objects, stones).

### CASTOR double-shaft crushers specification

Model	Drive power	Size of the shredding chamber	Usage
Castor 200	1,5 kW	483 x 753mm	<ul style="list-style-type: none"> <li>- Cardboard</li> <li>- Glass bottles</li> <li>- Plastic containers</li> <li>- Wood</li> </ul>
Castor 350	5,5 kW	350 x 350mm	<ul style="list-style-type: none"> <li>- Food packaging</li> <li>- Destruction of data carriers (hard disks, sds, streamer tapes, etc.)</li> </ul>
Castor 600	11 kW	600 x 500mm	<ul style="list-style-type: none"> <li>- Metal and aluminium cans</li> <li>- Copper cables, steel shavings</li> <li>- Tree bark</li> <li>- Grinding wheels</li> <li>- Bottle PET / PVC, canisters</li> <li>- Carpets, leather goods</li> </ul>
Castor 600 HDD	11 kW	600 x 500mm	<ul style="list-style-type: none"> <li>- Pre- shredding (capacity reduction) of large materials</li> <li>- Destruction of data carriers (hard disks, sds, streamer tapes, etc.)</li> </ul>
Castor 800	22 kW	800 x 700mm	<ul style="list-style-type: none"> <li>- Pre- shredding of cables and wire harnesses</li> <li>- Destruction of defective products to secure its floating to a secondary market</li> </ul>



P.P.U.H. Inter-Castor Sp. z o.o.  
 5 Krośnięńska Street | 66-600 Połupin, Poland  
 Tel.: (+48) 68 383 5112 | Fax: (+48) 68 383 5512  
 e-mail: info@intercastor.pl | www.intercastor.pl