



MECAROANNE

— Solutions de broyage —

Shear crusher TYPE BCIS

FIELDS OF APPLICATION



- › **Industrial waste recycling**, in order to reduce the volume, pre-shred, destroy or separate waste into liquids and solids.
- › **All types of waste:** fibrous (wool, fibreglass, etc.), cardboard, plastic, metal, paper (confidential documents, etc.), textiles (used clothing, etc.), wood, containers such as drums (plastic or metal), medical waste, soiled PPE, etc.



HOW IT WORKS

- › Two rotors rotating in opposite directions at slow and differential speed are equipped with shears to cut the product into pieces. They are cleaned continuously by one-piece combs.
- › The machine is designed without a calibration grid, so the size of the product leaving the machine is directly determined by the geometry of the shredding tools.
- › Product must be fed at a constant rate and distributed throughout the entire working length of the grinding rollers.



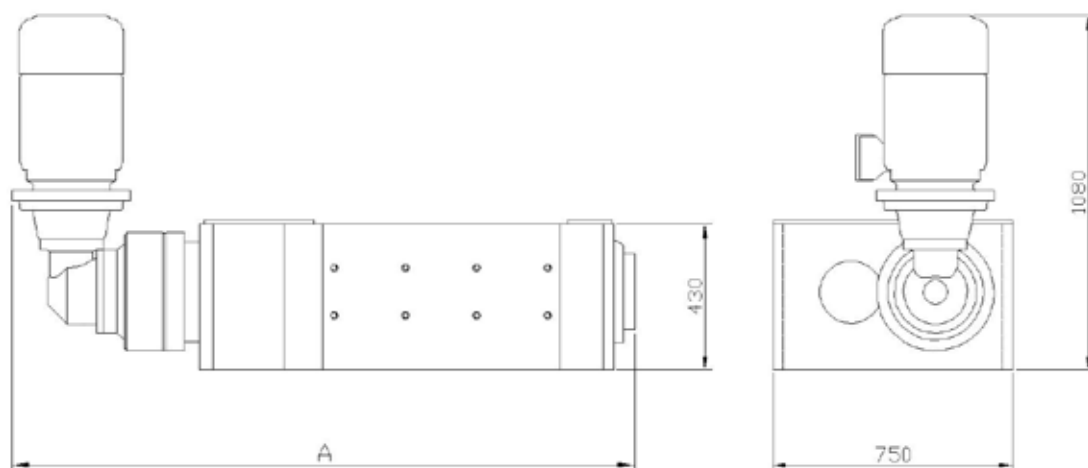
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TECHNICAL CHARACTERISTICS

Type	∅ rotors <i>mm</i>	Length <i>mm</i>	A <i>mm</i>	Input dimensions <i>mm</i>	Output dimensions <i>mm</i>	Weight <i>kg</i>	Installed power <i>kW</i>
BCIS 250x500	250	500	1665	650x500	650x740	1600	11
BCIS 250x700	250	700	1865	650x700	650x940	2000	15
BCIS 250x900	250	900	2065	650x900	650x1140	2400	15

Output particle size and throughput vary according to the nature of the materials being processed and the configuration of the shredding rotors (number, shape, width, arrangement of the blades and speed of rotation)



DESIGN

Our devices are composed of a **rigid frame** made of thick welded sheet metal, stainless steel is available as an option. **Sealed and pressurised bearings** ensure optimal operation under the most demanding conditions. The reduction and transmission mechanisms are grouped on the same side of the device in a sealed oil sump. This means that the shredding tools can be **replaced quickly**, without having to completely dismantle the machine.

