

RECYCLING
TECHNOLOGIES

SYSTEMS
THAT
TRANSFORM
INTO
PROFIT

MIZAR





AC SERIES

SINGLE SHAFT SHREDDER

MIZAR AC Series are designed for reduction with shred all kinds of cables, electronic cards, (WEE), radiators, plastics, woods and tires. The reinforced structure of MIZAR AC shredders are able to absorb any shock and can easily withstand even heavy-duty works. Uddeholm blades provide maximum performance. Continuous feeding of the rotor is performed with the hydraulic push-button connected to the PLC software. The bar and rotor rpm settings can be adjusted simply from the touch-screen control panel according to the material to be processed. If granules are pushed behind of rotor and blades, rotor starts turnabout with smart software and remove problem. Italian Industrial Helical-Geared Units with oil cooling, water cooling shaft and roller bearings extend the life of the machine. MIZAR AC Series can work single or in combination with MIZAR CU and R Series. It provides perfect service in a smart automatic system with a heavy-type magnetic conveyor band. In MIZAR AC Series, Sweden "SKF" brand heat-resistant bearings are used. All electrical / electronic equipments are "SIEMENS and SCHNEIDER" and hydraulic system is "BOSCH REXROTH". According to product capacities there are four models; AC45, AC60, AC90 and AC120. CE and EAC certificates are available.



TECHNICAL SPECIFICATIONS

	AC45	AC60	AC90	AC120
FEATURE	VALUE	VALUE	VALUE	VALUE
ENGINE	15 kW	55 kW	75 kW	90 kW
ROTOR DIAMETER	Ø 240	Ø 350	Ø 400	Ø 520
ROTOR LENGTH	450 mm	600 mm	900 mm	1.200
BLADES	29	39	56	68
LENGTH	1.400 mm	1.640 mm	1.850 mm	2.260 mm
WIDTH	895 mm	2.670 mm	2.670 mm	3.000 mm
HEIGHT	1.200 mm	2.170 mm	2.170 mm	2.650 mm
WEIGHT	850 Kg	3.000 Kg	4.750 Kg	5.500 Kg

Production capacity per hour varies depending on the type of material to be processed. Alternative kw motors can be preferred according to the materials.



TURNKEY SYSTEMS



MIZAR Semi - Full Automatic Plants, are designed according to the customer needs, in terms of model and positioning. Complete systems combined with professional MIZAR Series and Equipments to provide maximum efficiency. MIZAR offers the possibility of manufacturing a complete tailored system and assured turnkey project, with a variable capacity of infeed materials, starting from 500 kg/h up to 1.500 kg/h.





**%99,6
PRODUCTIVITY**



**SYSTEM
GUARANTEE**



**%200
PROFIT**

PERFECT SYSTEMS

RECYCLING TECHNOLOGIES



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