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Zato®

Recycling Solutions

BLUE STORM

Twin shaft shredder



zatoshredder.com



Industrial shredders for ferrous and light non-ferrous materials



The smart solution for transforming waste materials into a premium resource.

Blue Storm twin shaft shredders are designed for processing light ferrous and non-ferrous scrap.

Blue Storm enables the size optimisation of light gauge scrap while also increasing its density. Value is added and operating costs are reduced with the densification of scrap shredded using Zato's Blue Storm.

Robustness and efficiency

The 4-motor configuration, 2 for each shaft, the interchangeable blade system made of hardened tool steel and the overall robust design ensure. Exceptional reliability Intelligent software varies and optimises individual shaft speeds for increased shredding performance.

Innovative and technologically advanced

Blue Storm applies the latest digital technologies:

- Augmented reality (during installation and maintenance);
- Predictive Maintenance;
- Artificial Intelligence.



TECHNICAL DATA SHEET

Feeding hopper

Loading mouth	mm	3340 x 2350
Capacity	m ³	4

Shredder body

Shredding area	mm	2000 x 1375
Weight	t	25,7
Shaft weight	t	5 cad.
Shaft speed differentiated	rpm	3,5 - 4,5
Blade width	mm	150
Number of blades		78

General information

Total dimensions	mm	6150 x 2500 x 4500
Total weight	t	33

APPLICATIONS

- | | |
|----------------|----------------------|
| 01 Light scrap | 05 WEEE |
| 02 White metal | 06 Tyres |
| 03 Aluminium | 07 Wood |
| 04 Copper | 08 Electrical cables |

10 steps which redefine efficiency

Scrap recycling is **even more sustainable**

INCREASE SCRAP VALUE

The Blue Storm reduces the size of light and bulky scrap, increasing its density quality and value.

01

COMBATING CLIMATE CHANGE

Scrap metal is 100% recyclable. Shredding increases the scrap density, allows for effective sorting and reduces melt times there by saving energy and CO₂. For every ton of metal recycled 1.6 tons less of CO₂ are released into the atmosphere. Recycling steel is an ecological and cost-effective choice and aligns 100% with the principles of creating a truly circular economy.

RESPONSIBLE CONSUMPTION AND PRODUCTION

Recycling steel reduces CO₂ emissions by 80% compared to new steel production from iron ore. When using the correct reduction and sorting technologies, old steel can be transformed into new steel "ad infinitum" without losing any of its strength. Zato is proud to offer our customers part of the solution towards creating a true circular economy.

HIGH TORQUE

The low rotation speed with exceptionally high torque hydraulic motors equates to unrivalled performance.

02

PROTECTION FROM UNSHREDDABLE PARTS

The self-protecting system activates shaft reversal should an unshreddable enter the shredding chamber.

05

REMOTE ASSISTANCE

Zato technicians can monitor the performance of the shredder remotely. Faults and abnormalities can be detected before they cause damage while service intervals can be scheduled when convenient.

07

INNOVATIVE TECHNOLOGIES

Zato uses the latest advanced technologies such as: augmented reality during installation and maintenance, technology for data exchange and A.I. to support predictive maintenance to keep you one step ahead of the competition.

09

QUICK SET UP

Set up and commissioning in 4 days without the need for expensive civil works or foundations.

03

LOWER OPERATING COSTS

Efficient components and smart technology solutions ensure very low running costs.

04

MINIMAL DUST AND NOISE CREATION

The high torque slow rotation motors create a minimal amount of dust and noise.

06

RELIABLE SERVICE

Zato's highly trained technicians offer timely and practical advice when needed ensuring your shredder is always running at optimal efficiency.

08

EXPERIENCE AND QUALITY

Zato have installed over 120 shredders world wide and insist on using only the highest quality materials and components. Our experience is your benefit.

10

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