

# Herbold Single-shaft Shredder / EWS 60/210

The HERBOLD single-shaft shredder / EWS 60/210 is the next generation of the shredder series EWS for high throughputs; appropriate for dry or wet size reduction.

### Shredder structure

Heavy welded steel construction for heavy duty applications. Maintenance, knife exchange and adjustment of the knife gap from outside due to access via a hydraulically hingeable grinding chamber trough. Material pusher in the shape of a swing arm. Hydraulically hingeable screen support, easy screen change due to access via double wing doors equipped with an inspection glass. Rotor bearing in pillow block bearings placed outside, therefore ideal for wet operation. SPS with adjustable parameter settings.

### Drive system

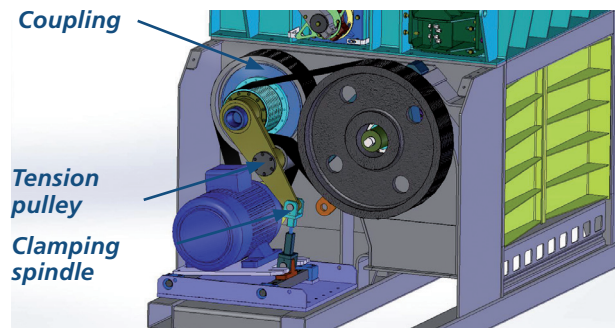
Drive via belt transmission, so drive is not prone to failures and therefore optimum protection against destruction caused by foreign bodies. As an option, available with overload coupling. Energy saving due to the high centrifugal mass of the pulleys in case of peak loads. Double drive as an option in order to obtain higher torques. Speed variations are easy to implement.

### Cutting system

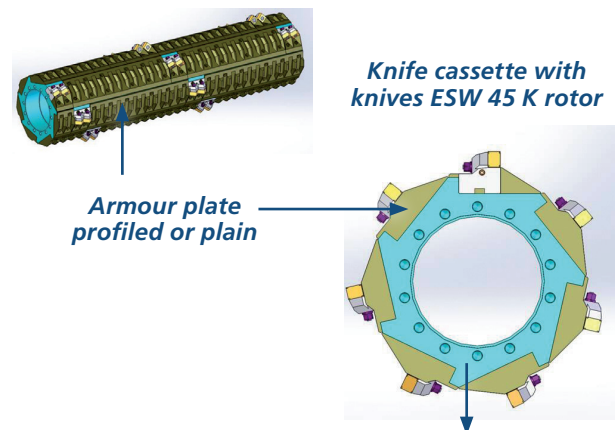
Rotor with variable knife configuration, equipped with screwed-on armour plating and prepared for water cooling. One row of stator knives, second row as an option for special applications. Rotor and stator knives are available in an anti-wear execution.



EWS 60/210



Countershaft gear



Rotor illustration

Basic body

## Technical data

<b>Type</b>	<b>EWS 60/210</b>
<b>Weight:</b>	25 t
<b>Rotor diameter:</b>	600 mm
<b>Working width:</b>	2100 mm
<b>Rotor knives:</b>	can be variably equipped 30 – 210, Standard 60 unities
<b>Stator knives :</b>	1 row, as an option a second row for special applications
<b>Drives:</b>	1 x 110 kW to 2 x 132 kW (or even more) standard three-phase motors, quadrupole
<b>Rotor speed (rpm):</b>	140 rpm, other rotor speeds possible due to variation of pulley
<b>Screen insert:</b>	Model and perforation according to application
<b>Capacity:</b>	Throughputs up to 6000 kg according to the product, drive capacity and screen
<b>Functioning mode:</b>	Wet or dry shredding

### Our Product Range

#### Size Reduction

- › Shredder
- › Granulators
- › Pulverizing Systems

#### Washing / Separation Systems & Components

- › Pre-washing Units
- › Friction Washers
- › Separation Tanks and Hydrocyclones
- › Mechanical and Thermal Drying
- › Water Processing

#### Agglomeration

- › Plastcompactors

#### Service

- › Parts and Overhauls
- › Inspections and Trouble Shooting
- › Upgrades and Performance Service

**Herbold Meckesheim GmbH** • Fon: + 49 (0) 6226 / 932-0 • Mail: [herbold@herbold.com](mailto:herbold@herbold.com) • Web: [www.herbold.com](http://www.herbold.com)

**Herbold Meckesheim USA** • Fon: + 1 401 597 / 5500 • +1 888 / 612 RRSI (7774) • Mail: [info@herboldusa.com](mailto:info@herboldusa.com) • Web: [www.herboldusa.com](http://www.herboldusa.com)

Specifications are not binding and subject to change without notice. 09 / 2022