

# ZWS

## 600 to 2600



### Single-shaft shredders for wood waste on an industrial scale

AMIS ZWS series single-shaft shredders are used in workshops and industrial enterprises in the wood-processing industry to ensure cost-effective recycling of wood waste and many other materials. These machines are designed for heavy duty applications and reliable continuous operation.

# Wood-

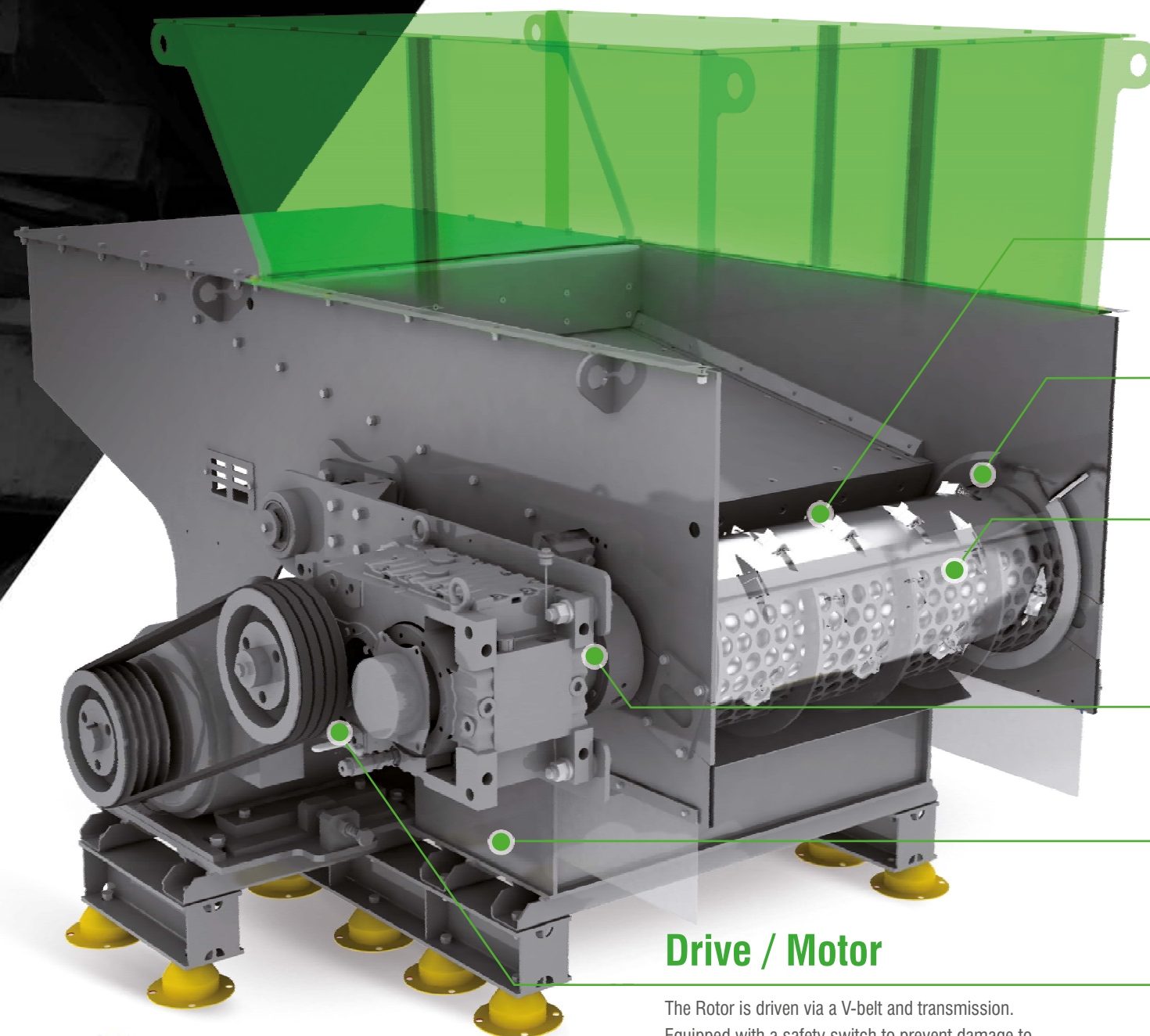
## SHREDDER

Our series for  
optimal shredding

ZWS single-shaft shredders  
for maximum throughput

## Advanced shredding technology

The right solution for any task in a wood processing business



### Rotor-/stator knives

Rotor and stator knives can be turned, guaranteeing a long service life; bolted knife holders.

### Rotor system

Knife holders bolted into machined pockets on the rotor for easier maintenance and servicing.

### Material discharge

Replaceable, bolted-on screen with various screen sizes. Discharge via suction system, discharge screw, conveyor belt or chain scraper conveyor.

### Rotor bearing

Pillow block bearing, dustproof. Sturdy and robust design.

### Body

ZWS shredders feature a strong welded steel design with a wall thickness of 10 mm. They are particularly stable and smooth-running, with rubber mountings.

### Drive / Motor

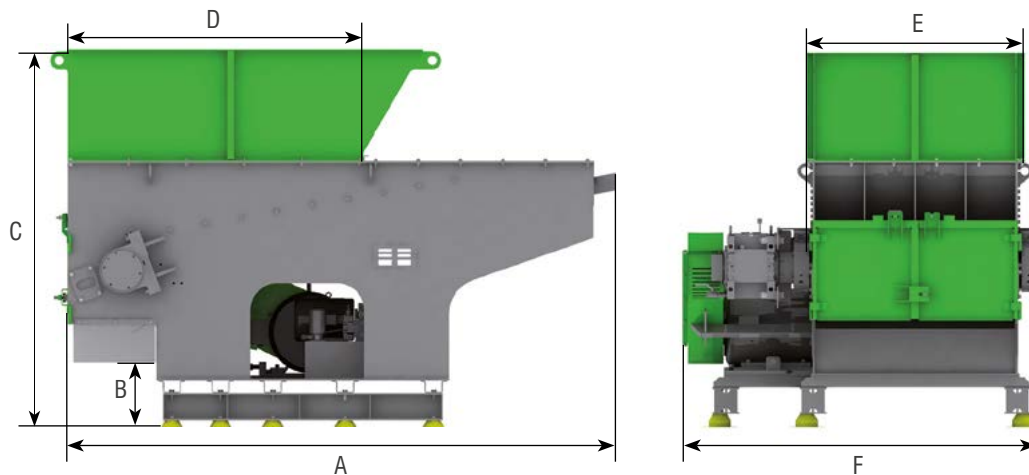
The Rotor is driven via a V-belt and transmission. Equipped with a safety switch to prevent damage to rotor and transmission caused by foreign material.

**AMIS** single-shaft shredders operate quietly and produce very little dust. The material to be shredded is introduced (by hand, forklift etc.) into a large hopper. Then the material is fed towards the rotor by the slightly forward-tilted horizontal hydraulic ram, where it is shredded between the rotor and stator knives. The hydraulic ram is load-sensitive and controlled by the current consumption of the drive motor. The screen, which determines the final product size, is securely bolted into place below the rotor. The shredded material can be discharged optionally via a discharge screw, suction system, conveyor belt or chain scraper conveyor.



# ZWS 600 – 2600 Woodshredder

## Technical Data



Type ZWS		600	850	1100	1400	1700	2000	2600	2600/600
Feed opening	(mm)	580 x 1265	860 x 1620	1140 x 1870	1420 x 2200	1700 x 2380	1980 x 2380	2540 x 2480	2540 x 2480
Chamber cross									
section	(mm)	580 x 470	860 x 820	1140 x 1090	1420 x 1390	1700 x 1550	1980 x 1550	2540 x 1550	2540 x 1550
Rotor diameter	(mm)	400	400	400	400	400	400	400	600
Rotor speed	(rpm)	74-100-120	74-100-120	74-100-120	74-100-120	74-100-120	74-100-120	74-100-120	74-100-120
Drive power	(kW)	15/18,5/22/30	18,5/22/30/37	22/30/37/45	37/45/55	45/55/75	75/90/110	2x75/2x90	2x90/2x110
Rotor knives	(pcs)	13/26	20/40	27/54	34/68	41/82	48/96	62/124	93/186
Stator blades	(pcs)	1 x 2	1 x 3	1 x 4	1 x 5	1 x 6	1 x 7	1 x 9	1 x 9
Hydraulic	(kW)	3,75	3,75	3,75	5,5	5,5	5,5	7,5	7,5
Screen size	(mm)	10-100	10-100	10-100	10-100	10-100	10-100	10-100	10-100
Weight	(approx. kg)	1200	2700	3500	6200	7000	10000	11500	15000

### Dimensions

A	(approx. mm)	2150	2800	3300	4100	4400	4400	4600	4600
B	(approx. mm)	600	600	600	600	600	600	600	700
C	(approx. mm)	2000	2000	2000	2200	2300	2300	2400	2800
D	(approx. mm)	1000	1275	1500	1900	2100	2100	2200	2200
E	(approx. mm)	580	860	1140	1420	1700	1980	2540	2540
F	(approx. mm)	1400	1600	2100	2500	2800	3100	4300	4500

The throughput rate depending on the type of material and screen used.  
Our testing facility is available to perform tests on your material.

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