

WEIMA shredders for plastics and recycling

Series WSM Granulators



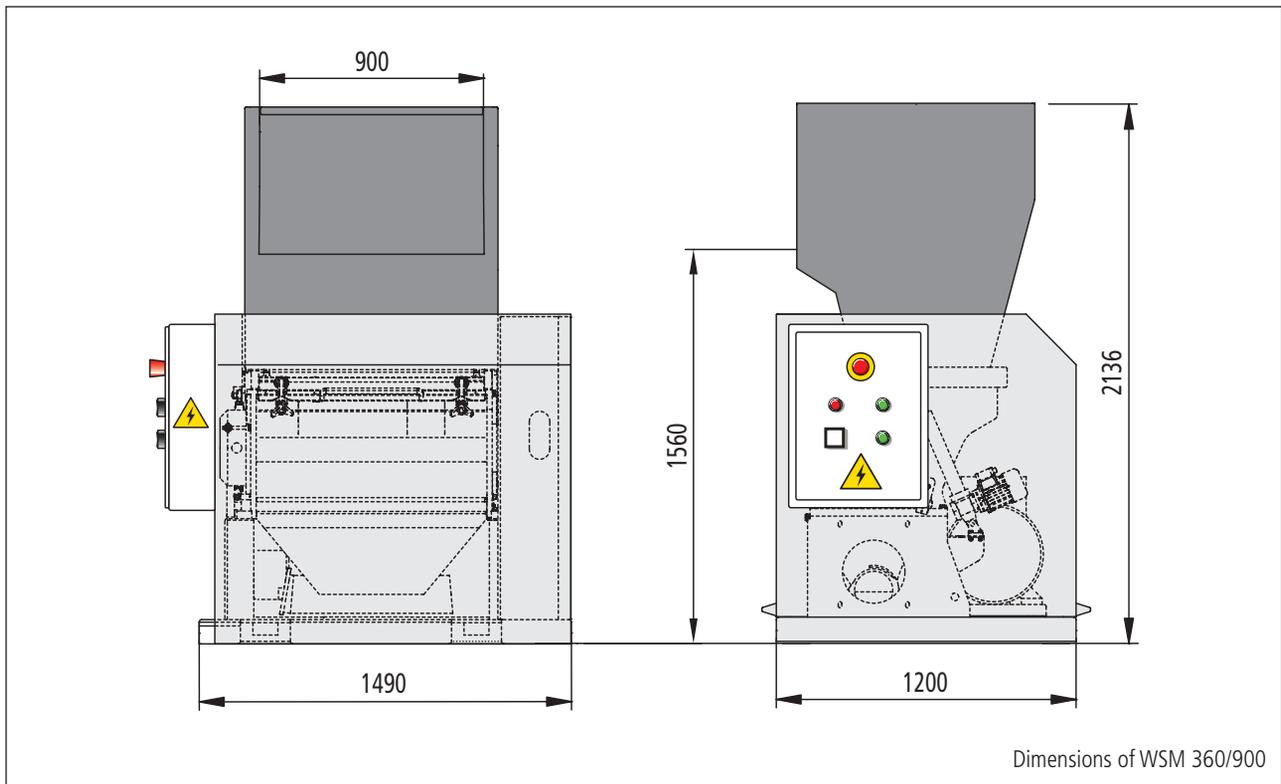
WSM 260/500 · WSM 360/600
WSM 360/900 · WSM 500/700
WSM 500/1000

Performance profile

WSM granulators are suitable for shredding a wide range of plastics to make high quality granulate. They can process, for example, blow-moulded materials such as PET bottles, PE/PP bottles, canisters or buckets. In addition it is possible, depending on the version, to shred resistant materials such as thick-walled pipes.

WSM granulators can be used either as a stand-alone solution or as second-stage shredders in two-stage processes. The various sizes and different versions make it possible to adapt the machine to your individual requirements.

The WSM Series – an overview



SPECIFICATIONS

| | WSM 260/500 | WSM 360/600 | WSM 360/900 | WSM 500/700 | WSM 500/1000 |
|-----------------------------|-------------|-------------|-------------|-------------|--------------|
| Hopper opening (mm) | 500 x 300 | 620 x 420 | 910 x 420 | 740 x 570 | 1.100 x 570 |
| Working width of rotor (mm) | 500 | 600 | 900 | 700 | 1.000 |
| Rotor diameter (mm) | 260 | 360 | 360 | 500 | 500 |
| Rotor speed (rpm) | 580 | 580 | 580 | 400 | 400 |
| Motor performance (kW) | 9/15 | 22/30 | 30/37 | 45/55 | 75 |
| Rotor knives (number) | 3 | 3 | 3 | 3 | 3 |
| Counter-knives (number) | 2 | 2 | 2 | 2 | 2 |
| Screen perforation (mm) | 5 - 15 | 5 - 15 | 5 - 15 | 5 - 15 | 5 - 15 |
| Weight (kg) approx.* | 680 | 1.900 | 2.100 | 3.200 | 4.500 |

* This may vary according to equipment and drive performance of the machine.

EQUIPMENT

Standard equipment

- highly effective V-cutting technology with double diagonal cut
- large hopper for manual or conveyor belt feed
- discharge channel for connection to suction system
- adjustment jig for easy knife adjustment outside the machine
- offset and reinforced vertical and rotor bearings
- anti-dust sealing to prevent dust discharge from the rotor

Options

- different rotor versions for customised applications
- hydraulic screen lifter and lift up hopper for rapid and easy screen change
- conveyor belts, metal separators, suction systems, dedusting
- noise protection