

# WEIMA shredders for plastics and recycling

## Series WT



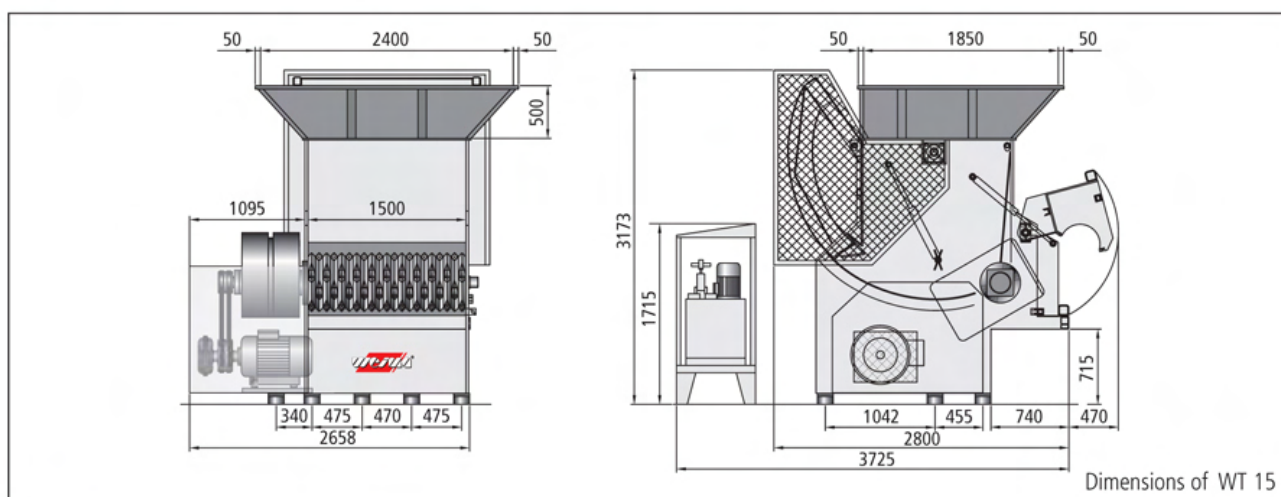
**WT 10 · WT 12 · WT 15 · WT 18**  
**WT 15 SJ · WT 20 SJ · WT 25 SJ**

### **Performance profile**

The WT series of high performance shredders are ideally suited for processing a wide range of plastics, in particular difficult, flexible materials such as foils, filaments, bags, ribbons and tapes, carpet, textiles, foam and all loose and non-bulky waste materials. The swing arm WING-RAM ensures safe feeding, even of contaminated or damp materials.

Thanks to a very large hopper, WT shredders can be supplied without manual assistance, by conveyor belt, fork-lift truck, crane or wheel loader. The various sizes and different versions make it possible to adapt the machine for all applications.

# The WT Series – an overview



## SPECIFICATIONS

|                         | WT 10         | WT 12         | WT 15         | WT 18         |
|-------------------------|---------------|---------------|---------------|---------------|
| Number of knives        | 51 (34)       | 60 (40)       | 78 (52)       | 93 (62)       |
| Feed opening (mm)       | 1.000 x 1.160 | 1.200 x 1.160 | 1.500 x 1.160 | 1.800 x 1.160 |
| Rotor width (mm)        | 1.000         | 1.200         | 1.500         | 1.800         |
| Rotor diameter (mm)     | 368           | 368           | 368           | 368           |
| Rotor speed (rpm)       | 110           | 110           | 110           | 110           |
| Motor performance (kW)  | 45/55/75      | 55/75/90      | 75/90/110     | 90/110        |
| Screen perforation (mm) | 15-100        | 15-100        | 15-100        | 15-100        |
| Weight (kg) approx. *   | 4.500         | 5.200         | 8.700         | 10.000        |

|                         | WT 15 SJ      | WT 20 SJ      | WT 25 SJ      |
|-------------------------|---------------|---------------|---------------|
| Number of knives        | 63 (51)       | 87 (72)       | 111 (102)     |
| Feed opening (mm)       | 1.500 x 1.835 | 2.000 x 1.835 | 2.500 x 1.835 |
| Rotor width (mm)        | 1.500         | 2.000         | 2.500         |
| Rotor diameter (mm)     | 600           | 600           | 600           |
| Rotor speed (rpm)       | 68            | 68            | 68            |
| Motor performance (kW)  | 75/90/110     | 90/110/160    | 160/200       |
| Screen perforation (mm) | 15-100        | 15-100        | 15-100        |
| Weight (kg) approx. *   | 11.500        | 14.500        | 17.000        |

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

## EQUIPMENT

### Standard equipment

- E-rotor with welded on screwed-on knife holders
- concave-ground cutting knives
- hydraulic swing arm WING-RAM guide pusher with turbo hydraulics and segmented floor, load-sensitive control
- hydraulic lift up screen basket for quick access to rotor
- low maintenance, offset and sealed rotor bearings
- choice of contactor or stored program control (PLC)

### Options

- patented V-rotor for optimum even cutting geometry
- second overhead counter-knife

- Supercut for precise adjustment of cutting gap
- rotor cooling
- hydraulic oil and gearbox oil cooling
- Hardox coating for rotor

### Drive

WT shredders are available with the option of mechanical, hydraulic, direct or patented high-torque CDW drive (Compact Drive WEIMA). Options for increased safety: gearbox limit switch, reverse counter, hydrodynamic clutch, KTR safety clutch, safety switch.