

WEIMA shredders for plastics and recycling

Series WT



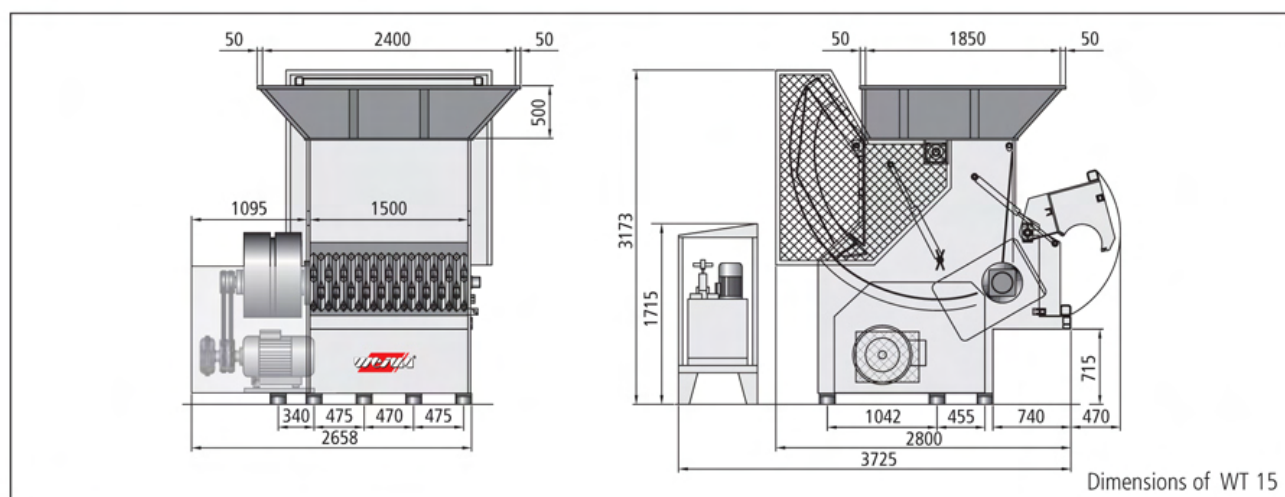
WT 10 · WT 12 · WT 15 · WT 18
WT 15 SJ · WT 20 SJ · WT 25 SJ

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.