

TRITURATORE 180/130S-MAX

SIEMENS
ENGINES

SIEMENS
CONTROL

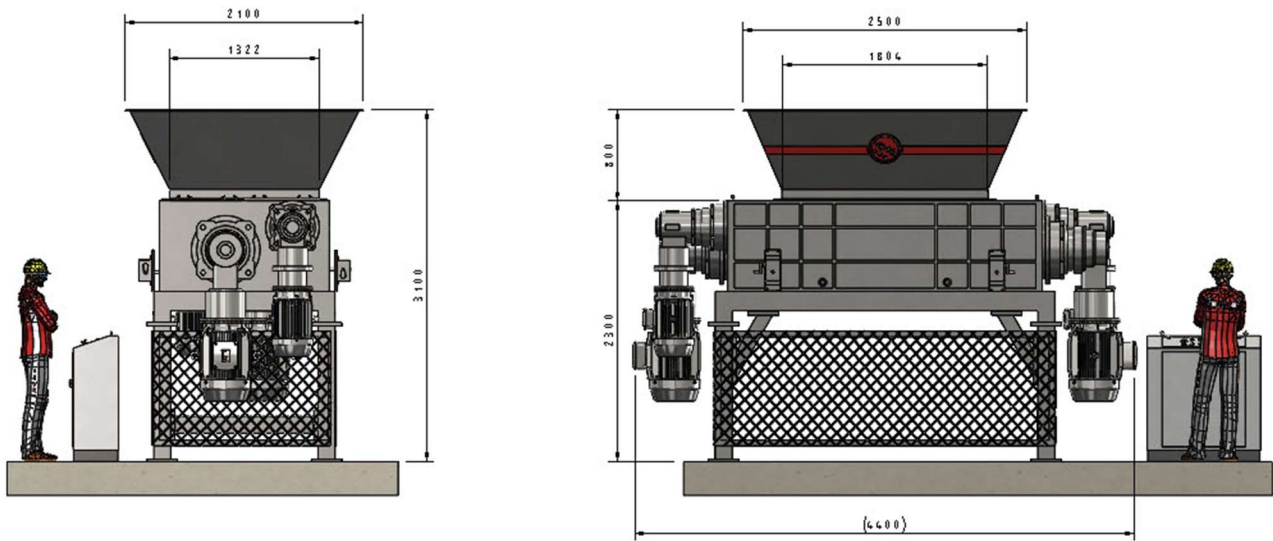
TOUCH
PANEL

ANTI-TORSION
SHAFT

ISVE SERVER
CONNECT

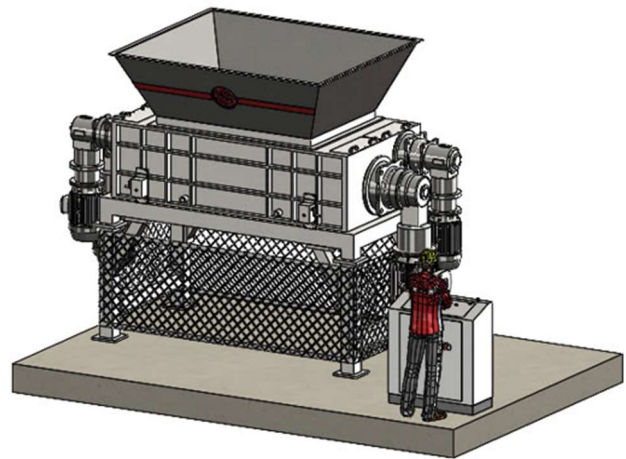
ISVE
MAINTENANCE
PROGRAM

The 180/130S-MAX 4-shafts shredder is a heavy machine with a 1.800 X 1.300 mm load door and is equipped with special conveyor disks besides the cutters. This model is provided with 4 gearmotors with total power of 120 kW with high force of cut. The "MAX" series has been expressly studied for hard works for the recycling field.



Main features

total power	120 kw (37 kw + 37 kw + 22 kw + 22kw)
drive	by gears
n. cutter shafts	2
n. hardened cutters	36 - 50 mm thickness
n. conveyor shafts	2
n. conveyor disks	36 with 4 beaks
n. average cutter revs./min.	10-15
accessories	descend control interchangeable screen
safety precautions	emergency stop, hopper closed contact
weight	about 16 t
manufactured according to CE standards	



SHREDDER MOD. TRITO 180/130S

Characteristics of the shredder

- Support made of thick electro-welded sheet steel;
- Barrel roller bearing supports with sealing system against dust and liquids;
- High-resistance shafts;
- No. 36 cutters made of 50 mm wear-resistant special steel;
- No. 36 insertion discs made of 42CrMo steel;
- No. 2 epicyclic reduction gears for driving the cutter shafts;
- No. 2 epicyclic reduction gears for driving the intake shafts;
- No. 2 multi-voltage, multi-frequency 45 KW motors with PREMIUM efficiency class (IE3) for cutter shafts driving;
- No. 2 multi-voltage, multi-frequency 15 KW motors with PREMIUM efficiency class (IE3) for conveyor disks shafts driving;
- 1800 X 1300 mm cutting chamber;
- Reinforced electrowelded sheet metal hopper designed for top loading;
- Base equipped with drawer connectable to suction system/conveyor belt or no. 3 protection nets with frontal gate provided with security micro.

Characteristics of the control system

- Electrical switchboard in compliance with CEE standards equipped with a torque limiter that reverses the motion of the rotor if the working load of the machine exceeds the set value;
- SIEMENS S7-1200 PLC to control all the plant peripherals;
- 6" colour touch screen display for adjusting all machine parameters;
- New "AUTO TUNING ISVE" self-adjustment programme;
- Software designed to control the loading systems, refiner mill and/or suction system;
- Emergency control functions for stopping the system;
- ISVE MAINTENACE PROGRAM: it signals the ordinary maintenance interventions at their expiry date;
- PREDISPOSITION FOR REMOTE-ASSISTANCE AND "SAFETY SERVER CONNECTION ISVE" (real-time supervision of the parameters from server ISVE);
- **Execution according to CE standards.**