

MOLINARI



PRIMARY SHREDDERS
TP SERIES

TP SERIES



TP SERIES *Primary shredders*

THE TP SERIES MACHINES ARE PERFECT FOR THE VOLUME REDUCTION OF ELTS AND THE PRODUCTION OF ALTERNATIVE FUELS.

THE MACHINES OF TP SERIES ARE THE FIRST MACHINE AT THE UPSTREAM OF A ELT's RECYCLING PLANTS. THEY CAN TREAT EITHER CAR AND TRUCK TIRES UP TO 120 CM DIAMETER, AND SOME TYPES OF INDUSTRIAL AND AGRICULTURAL TIRES.

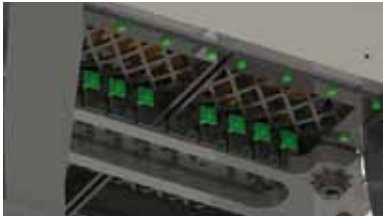
LOW-SPEED ROTATION IS THE STRONG POINT OF THESE SHREDDERS. THEY FEATURE TWO ROTORS WITH OPPOSITE ROTATION, INDEPENDENT FROM EACH OTHER.

THE CUT IS POSSIBLE THANKS TO THE ACTION OF THE ROTARY BLADES ON THE FIXED BLADES INSTALLED ON A TRAVERSE BETWEEN THE TWO ROTORS.

THE MACHINES CAN BE EQUIPPED WITH A SCREEN, WHICH ALLOWS TO OBTAIN A PRODUCT OF HOMOGENEOUS DIMENSIONS, SUITABLE TO USE AS TDF.

THE ROTARY BLADES AND THE FIXED BLADES ARE INTERCHANGEABLE AND CAN BE RESHARPENABLE.

*the perfect machine
for the volume reduction
of ELTs and the production
of alternative fuels*



A SHREDDING CHAMBER

IT FEATURES A STRONG STRUCTURE THAT HOLDS TWO ROTORS WITH OPPOSED ROTATION. THE ROTORS ARE INDEPENDENT FROM ONE ANOTHER AND CAN PERFORM INVERSIONS. THE ROTARY BLADES ARE DISPOSED IN A STAGGERED DESIGN, THEY ARE INTERCHANGEABLE AND RESHARPENABLE.



B SCREEN

THE FINAL SIZE OF THE SHREDS CAN BE CALIBRATED ACCORDING TO THE PRODUCTION REQUIREMENTS OF THE CLIENT. WITH FOUR SCREENS INSTALLED UNDER THE ROTORS, IT'S POSSIBLE TO GET A PRODUCT SUITABLE TO USE AS AN ALTERNATIVE FUEL (SMALL, MEDIUM OR LARGE), OR SIMPLY MAKE A VOLUMETRIC REDUCTION.



C TRAVERSE

THE FIXED BLADES ARE INSTALLED ON A CENTRAL TRAVERSE, WHICH IS ADJUSTABLE AND IN A FEW MINUTES ALLOWS TO SET THE DISTANCE BETWEEN THE ROTARY BLADES AND THE FIXED BLADES, THUS ENSURING AN ALWAYS WELL DEFINED CUTTING FOR A QUALITY TDF.

D PRESSORS

THE HOPPER HAS TWO PRESSORS TO AVOID THE CLOGGING OR MATERIAL FLOATING ON THE ROTORS.



Strong Points

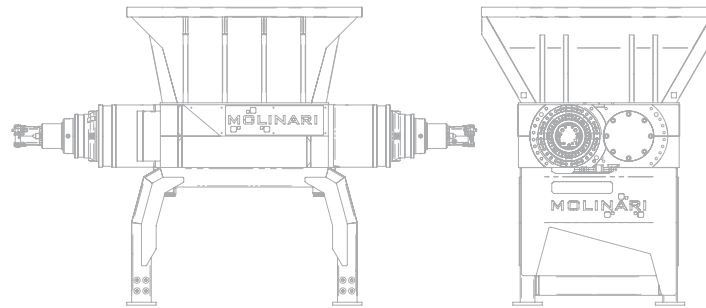
- ▶ ROBUST THICK STEEL FRAME
- ▶ HIGH STRUCTURAL RIGIDITY
- ▶ LOW SHREDDING SPEED
- ▶ TWO INDEPENDENT SHAFTS
- ▶ DOUBLE ROTOR TO AVOID CLOGGING PHENOMENA
- ▶ BLADES IN ALLOY STEEL INTERCHANGEABLE AND RESHARPENABLE
- ▶ ROTORS WITH BLADE-HOLDERS MADE OF HARDENED AND CEMENTED MATERIAL
- ▶ ADJUSTABLE FIXED BLADES
- ▶ CENTRAL TRAVERSE CAN BE LOWERED FOR MAINTENANCE
- ▶ ADJUSTABLE SPEED OF EACH ROTOR



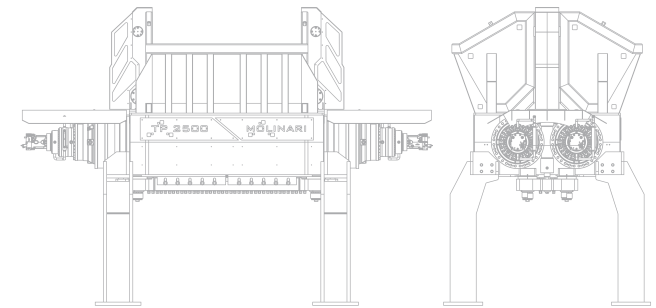
TP SERIES

Technical Features

TP 1200



TP 2000 / 2500 / 3500



MOLINARI S.R.L.

VIA DELL'INDUSTRIA, 4
24010 LENNA (BERGAMO) ITALY
TEL. +39.0345.31.78.01
FAX +39 0345.31.78.27
INFO@MOLINARI-RECYCLING.COM

NEAREST AIRPORT:
BGY (BERGAMO)

HIGHWAY EXIT:
A4 DALMINE / BERGAMO

	TP1200	TP2000	TP2500	TP3500
ROTOR LENGTH (MM)	1200	2000	2500	3500
ROTOR DIAMETER (MM)	570	860	860	860
DIMENSIONS (MM)	4700 X 1700 X H3000	5000 X 3300 X H3800	6800 X 4200 X H3800	7400 X 3300 X H3800
FIXED BLADES (N°)	11	10	13	19
ROTARY BLADES (N°)	60	90	120	180
POWER (KW)	160	150-360	200-400	250-500
WEIGHT (TON)	15	40	52	65

- ▲ Adjustable speed from 5 to 10 rpm
- ▲ Two shafts, independent rotation, adjustable speed of each rotor
- ▲ Thick electrowelded structure, machined in Italy
- ▲ Highly alloyed steel blades, which can be resharpenable
- ▲ Fixed blades adjustable fixed blades
- ▲ Output size adjustable output size

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