
MAX
By MTB
MINIMUM SIZE
MAXIMUM EFFICIENCY

INPUT **MATERIALS**

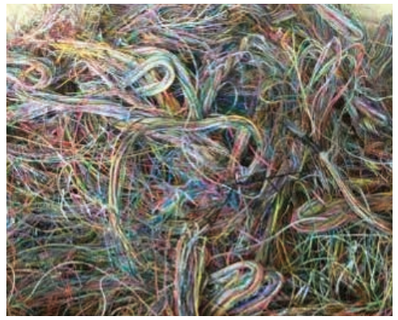
N°1 copper cables



N°2 copper cables



Cat 5 copper cables



Aluminum cables / ACSR

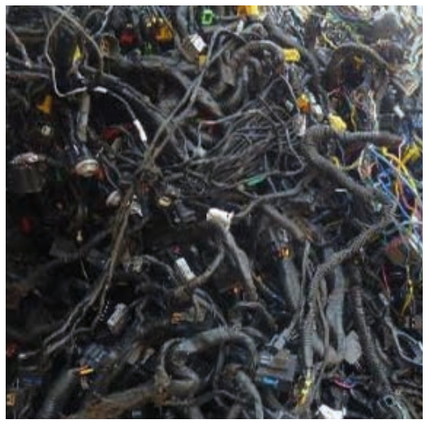




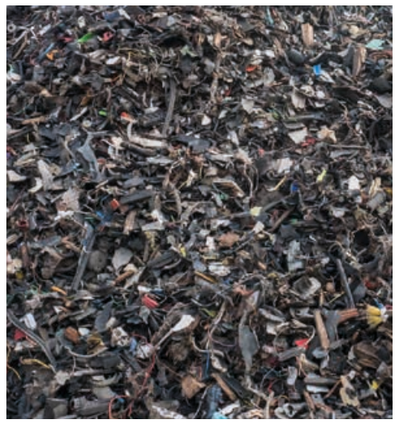
Radiators



Automotive harnesses



Shredder wires



OUTPUT **PRODUCTS**

Classified non-ferrous fractions



Copper flakes
(OPTIONAL)



Big Copper

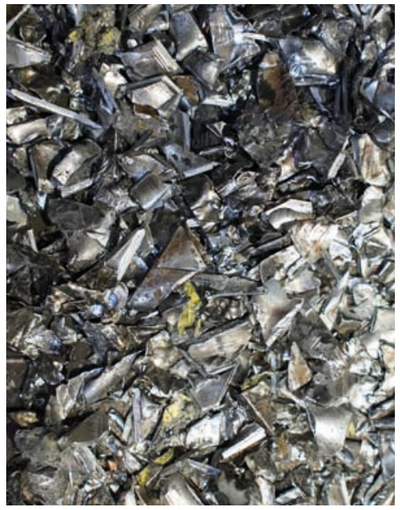


Fine Copper



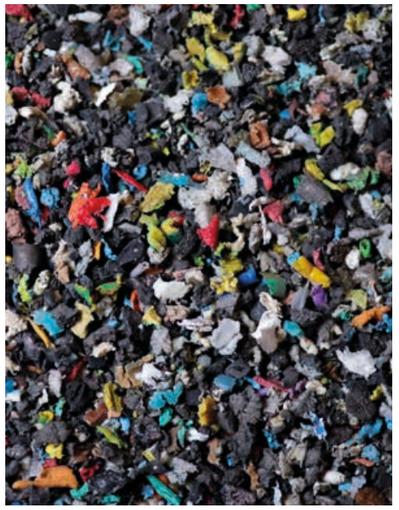
Aluminum

Other metallic fractions



Ferrous insert

Plastics



Mixed plastics



PE Plastic

CAPACITY **UP TO 1T/H**

OVER 40 YEARS **OF EXPERIENCE IN FERROUS AND NON-FERROUS RECYCLING**



MTB is considered as a pioneer in tomorrow's waste recycling. Concerned with the future of our planet, the company values « ZERO WASTE, PREMIUM QUALITY and FOR OUR CHILDREN» lead its development strategy. Both an operator and a manufacturer, MTB has highly-qualified experience in complex industrial waste recycling.

Why should you trust us? All MTB equipment is first tested and optimized on our recycling site before being launched for sale!

Be autonomous in recovering your own raw materials with this smart recycling process!

The MaX is a concentrate of innovation and MTB know-how. A minimal investment for high quality return.

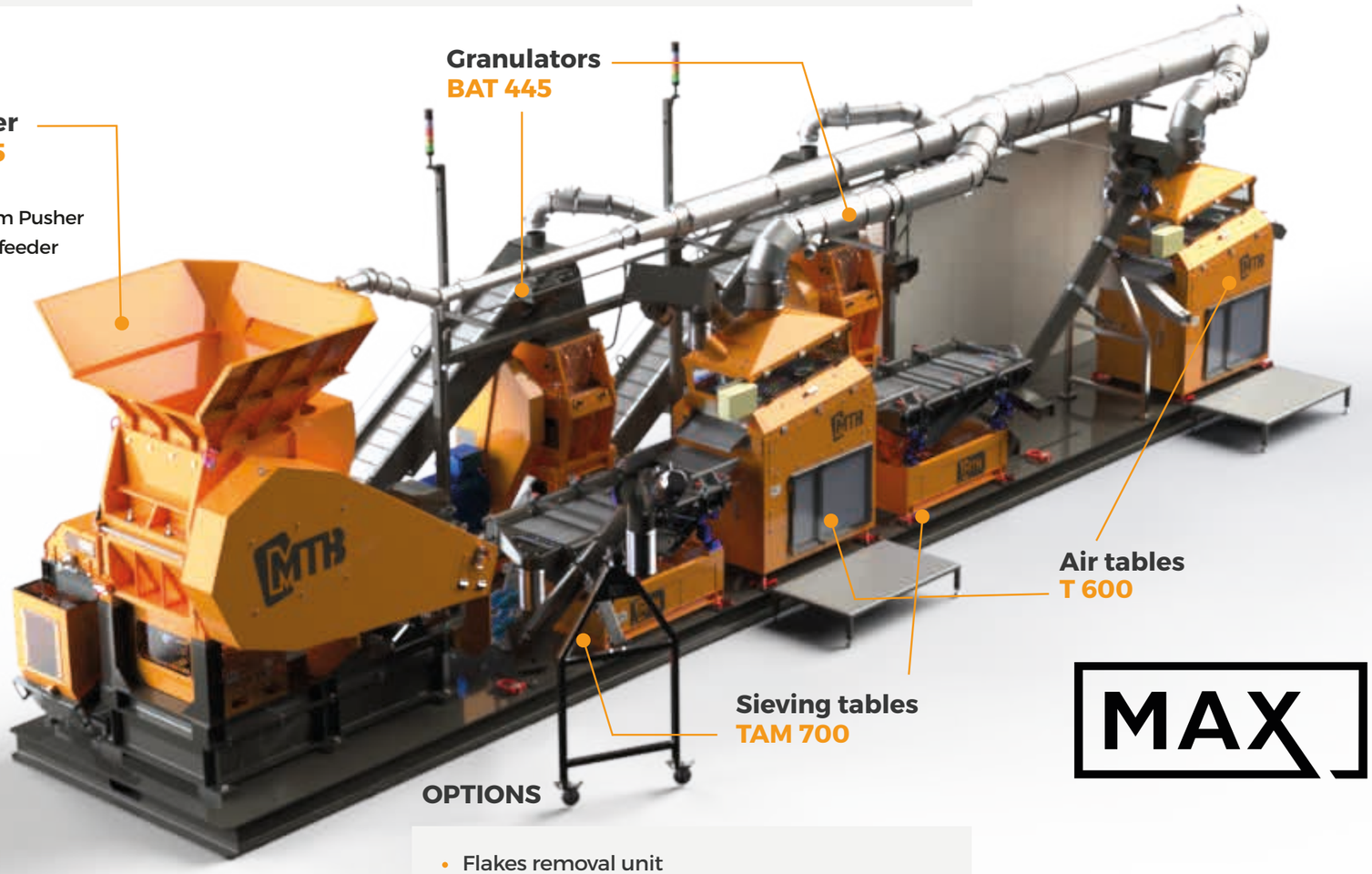
No more compromising between size and quality. With MTB, you get the best without compromise. The MaX is the smallest chopping line ever, combining a robust build, proven separation, and the unmatched service and support MTB is renowned for.

Shredder
BVR 845
- Flywheel
- Swing Arm Pusher
- Metering feeder

Granulators
BAT 445

Air tables
T 600

Sieving tables
TAM 700



MAX





OPTIONS

- Flakes removal unit
- Extra plastic screening
- Turbo mill
- Set of discharge screw conveyors

SHREDDING **AREA**

Upgraded BVR 845 model



At the exit of the BVR

- Magnetic drum for larger ferrous inserts removal
- Buffer hopper including level sensors to ensure best material regulation and constant control on product flow
- On the conveyor, pull-wire emergency stop switches and rear cover to ensure operators' safety and machine cleanliness



TECHNICAL DATA	BVR 845
Power	75 HP - 45 kW
Rotor length	31,5'' / 800 mm
Cutting speed	150 - 375 RPM
Blades	16

GRANULATION **AREA**

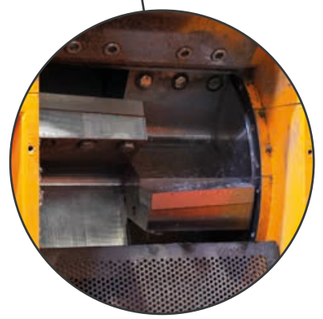
Equipped with our new BAT 445



New BAT 445

- Two identical units in series with enhanced rotor design for better throughput and reduced wear and tear
- Optimized cutting effect for better material liberation and speed-up sizing
- Automatic belt tension for energy savings and easier maintenance
- Super-fast screen replacement system





BAT 445 blades

TECHNICAL DATA	BAT 445
Power	50 HP - 37 kW
Rotor length	15,8'' / 400 mm
Cutting speed	300 - 500 RPM
Blades	14

SORTING **AREA**

By combining density separation and size classification, MTB goes further in the search for obtaining the highest purity for end products. This process has been successfully used on our large-scale recycling lines for decades and makes a huge difference when it comes to market final chops.

New air table T 600

- Improved sealing
- Space-saving ventilation integrated into the lower part of the table
- Simplified setting device to quickly adjust on waste streams
- Maximize visibility on sorting deck for better control





Sieving table TAM 700

- Quick screen replacement design
- Optimal screen tensioning system to maintain sorting quality and extend parts lifetime
- Automatic screen-self-cleaning balls package to improve sorting efficiency

TECHNICAL DATA	T 600	TAM 700
Power	3 HP - 2,2 kW	2 x 350 W
Sieving dimensions	-	1320 x 640 mm
Air flow	5400 m3 / h	-



PLUG'N' RUN **SOLUTION**

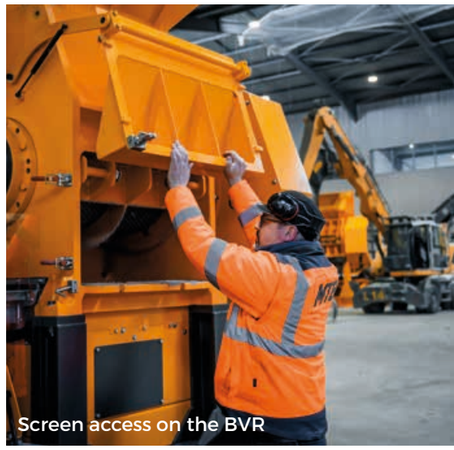
Plug'n'Run

The new compact line, MaX by MTB, a unique concept with a wide range of relevant features.

- Pre-assembled onto a 40' container floor, our new MaX solution offers reduced footprint requirements for easy install
- Power connection and a flat concrete slab is all that is required to set up and use this compact chopping line
- Fully integrated solution featuring pre-wiring and pre-ducting to allow fast commissioning
- Mobile, the MaX provides the higher comfort and flexibility of use

MAINTENANCE **BENEFITS**

- Tapping blade adjustment system duplicated from our larger flagship machineries
- Same blade model on shredder and granulators for easiest spare parts management
- Easy access and opening on all equipment
- Simplified maintenance operations mean reduced downtime and lowest operating costs
- Optimized transmission for easier maintenance and longer consumable life



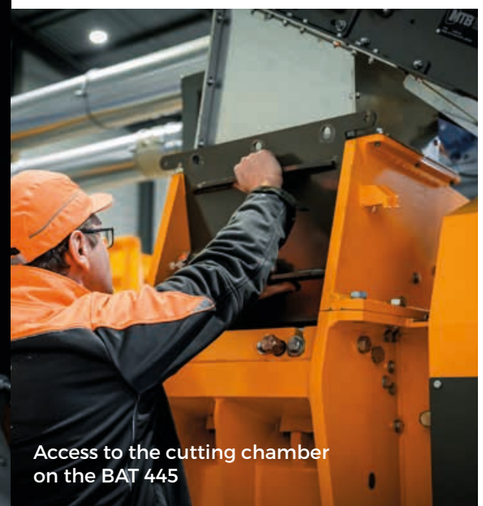
Screen access on the BVR



Fixed and mobile blades access on the BVR



Screen and fixed blades access on the BVR



Access to the cutting chamber on the BAT 445



Easy screen tensioning on the sieving table TAM 700

TECHNICAL **DATA**

TECHNICAL DATA	MaX
Power	200 HP - 150 kW
Length	39'12'' / 12,19 m
Width	8' / 2,44 m
Height	9'10'' / 3,3 m
Weight	19 T

THE MAX'S BENEFITS **AT A GLANCE**

- Gradual size reduction in **3 steps** to increase **productivity**
- **One single blade model** for the entire process : the historical one at MTB
- Same robust design replicated from our larger shredders : **extended machines life**
- **Dedusting step :** hoses can be connected to existing systems (sourced by the customer) or with a filter unit supplied in option
- More flexible loading thanks to the **ram-equipped shredder**, eliminating the need of a grapple



MYMTB

An all-in-one tool for more productivity

MyMTB is an intelligent platform on which all your MTB equipment is connected. All machines from your entire system are constantly monitored and analyzed thanks to a powerful sensor system.
The MyMTB application processes all the data received in real time, and allows you to improve your use of MTB machines in order to obtain a better efficiency.
Through performance indicators, you will be able to analyze your production trends to optimize your installation but also anticipate maintenance needs.

All data is protected and stored in a secure area. You will be able to access it by authenticating yourself on the application, no matter where you are.



Production overview
Operations analysis
Energy consumption tracking
Downtime tracking and reduction

Support center
On-line trouble shooting
Technical support request
Request follow up & history

Equipment Inventory
Processing lines or equipment overview
Warranty period

MYMTB

Documentation library
Operators Manual
Electrical Drawings
Customer documentation

Telematics Data
Machine Status
Machine fault
Associated reports & alerts

Notifications Center
Mail alert
Production reporting



CUSTOMER **SUPPORT**

INPUT CHARACTERIZATION & INDUSTRIAL TESTING

Our eco-innovation team supports manufacturers in their circular economy initiatives. We can test customer materials to validate process configuration and output specifications.



INSTALLATION & COMMISSIONING MTB SERVICE

On site installation, start-up assistance and process parameter setting.



TRAINING & PROCESS SUPPORT

Operator training, maintenance guidance and support for adapting settings to changing input materials.

CUSTOMER SERVICE

Technical support, spare and wear parts, maintenance assistance.



MYMTB

Our application helps you achieve greater efficiency by providing real-time production data, tracking history and much more.

Visit our website

www.mtb.fr

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