TIREBOX

The SHRED' BOX

This part of the process includes:

A shredding unit, which consists of an extremely robust and powerful compact shredder, able to process all common tires, including truck tires and OTR tires.

A granulation module, which includes two granulators reducing the size of the material to achieve the optimum sorting size.

APPLICATION SPECIALTIES













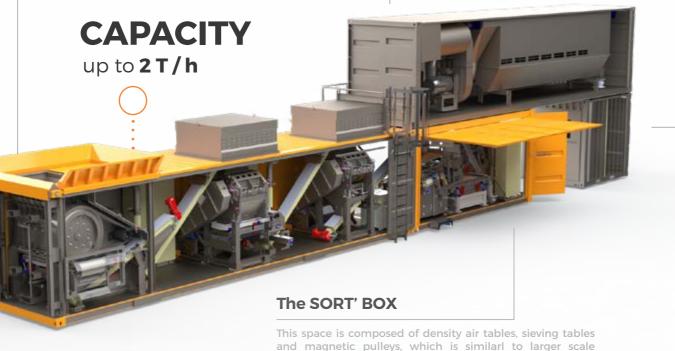
compactness, the AIR'BOX contains a powerful dust collection system essential for an optimized separation

The 10' container is dedicated to dust collection and sealing the system. The box is divided in 2 In order to maintain a quick process and easy installation procedures, MTB has equipped the system with an air filtration unit in a separate container. Despite its relative

- The dust collection section

The 10' CONTAINER

- Independent storage for spare parts or tools



GATOR BOX

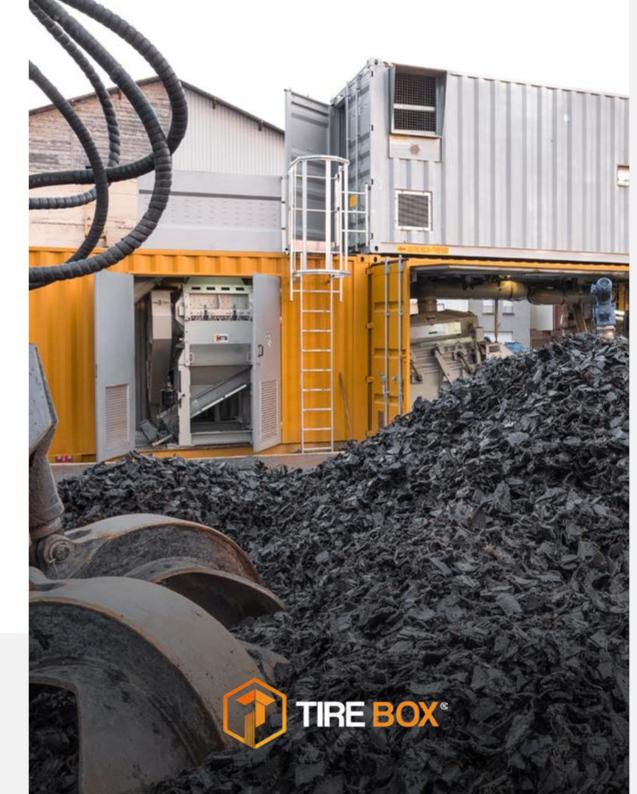
The AIR' BOX

The Gator Box incorporates, in its 20-foot container, the RSX, a two-rotor grinder that can be used both as a rotary shear and a shredder. Its high cutting power and robust reducers allow the RSX to crush a wide range of complex kinds of waste:

granulate, and textilde fiber.

recycling lines. It allows the recovery of sorted material at the end of the process as follows: steel wire, fine and big rubber

Tires, E-Scraps, Large Household Appliances non-cold waste (LHA non-cold), NHIW In order to reach optimal productivity, the Gator Box provides a quick access to the RSX shafts, allowing an easy replacement without disassembling the hopper.



COMPOSITION

Compact Shredder: BDR 1245



x 2 Compact Granulators: BAT 845



x2 Air Density Tables: T600 x 1200



x 2 Sieving Tables: TAM 700



Magnetic Separator

CLASSIFIED OUTPUT PRODUCTS*

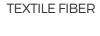
* Classified non ferrous grades, ferrous, plastics



BIG RUBBER



STEEL WIRE



FINE RUBBER

Advantages

MINIMUM SIZE - MAXIMUM EFFICIENCY

- Feeding either by crane, belt conveyor or fork lift
- MTB's Heavy Duty machines
- Power and reliability for both granulation and sorting
- Designed to reach up 2 tons per hour capacity may vary upon tire quality
- Output products: rubber granulate, steel wire and textile
- Automatic bin feeder with visual control and level sensor

OPTIONS

- Gator Box
- Hydraulic pusher option available on the Gator Box
- Optional hydraulic system for BDR 1245 and swing doors
- Dust dumpster
- Output containers
- Intermediate magnetic separator
- Maintenance tool assistance

PLUG & RECYCLE

- User-friendly, just plug in and start recycling
- 1 assembly operation only: the external 11770 CFM dust extraction unit (20 000 m3/h)
- Personalized customer support: Training of operators before BOX installation

COMPACT & GREEN

- Turnkey cable recycling line in a container
- Designed to reduce dust emissions drastically
- Intuitive and integrated monitoring system



Technical Data



Main equipment specs.

TECHNICAL DATA	TIREBOX	SHRED'BOX 40'	SORT'BOX 20'	AIR'BOX 40'	10' CONTAINER	GATOR BOX	PRESHREDDER	GRANULATOR	SHEAR & RIPPER
Lenght	80° 05″ / 24,40 m	39' 12" / 12,19 m	19' 10" / 6,06 m	39' 12" / 12,19 m	9' 81" / 2,99 m	19'10" / 6,06 m	-	-	-
Width	8' / 2,44 m	8' / 2,44 m	8' / 2,44 m	8' / 2,44 m	8' / 2,44 m	8' / 2,44 m	-	-	-
Height	19' 20" / 5,80 m	9' 6" / 2,90 m	9' 6" / 2,90 m	9' 6" / 2,90 m	9' 6" / 2,90 m	9'6" / 2,90 m	-	-	-
Power	500 Hp / 375 kW	345 Hp / 253 kW	35 Hp / 26 kW	125 Hp / 90 kW	-	74 Hp / 2 x 55 kW	125 Hp / 90 kW	100 Hp / 75 kW	74 Hp / 75 kW
Weight	121 000 lb / 54T	66 000 lb / 31 T	22 000 lb / 9 T	24 000 lb / 11 T	6 600 lb / 3T	49 000 lb / 22 T	16 000 lb / 7,5T	12 000 lb / 5,5T	42 000 lb / 19 T
Cutting diameter	-	-	-	-	-	-	16.5" / 415 mm	24" / 607 mm	21" / 545 mm
Rotor length	-	-	-	-	-	-	49" /1 245 mm	32" / 800 mm	46" /1160 mm
Blades	-	-	-	-	-	-	24	28	20