



PIRANHA

ADVANCED DATA SHEET

DETAILS

Model Name

PIRANHA

Model Title

60" Shaft Tracked Dual Speed Shredder

Category

Shredders

Type

Dual Shaft

Brand

Franzoi

Description

The Piranha tracked mobile shredder also known as TRF1510 is a primary shredder perfect for almost all solid waste materials like metal and plastic drums, tires, waste electrical and electronic equipment, and general bulky waste. This powerful machine greatly reduces the volume of waste material, allowing you to fit more inside a single roll-off dumpster. The processed, smaller material is also sized for further recycling processes, such as melting or washing. The Piranha has a hydraulic motor and variable speed settings, offering slow speeds for tougher materials and faster speeds for easily processed materials. This feature increases operational efficiency and productivity. The tracked design allows easy movement within recycling plants or job sites. The Include remote control can control most functions of the shredder, making it ideal for a single operator handling the equipment from the comfort of an excavator cab. This unit is perfect for anyone in the waste management or material recycling industries.

PROCESSED MATERIALS

- Asphalt
- Concrete
- Construction Waste
- Demolition Waste
- Electrical Waste
- Metal
- Pallets
- Palm Trees
- Plastic Drums
- Scrap Metal
- Tires
- Tree Roots
- Waste
- Wood

RECOMMENDED USE

Best For Municipal waste, tires, wood, pallets, branches. Shredding materials like C&D waste, concrete, and asphalt.

Good For Car radiators, windows, roots, furniture, fabric waste. Medium-scale projects needing a mobile, track-mounted shredder. Tires and small metal goods.

Not Built For Extremely high-volume industrial shredding needing larger machines.

Best Loader Large excavator with grapple/thumb

KEY SPECIFICATIONS

| | |
|---------------------|------------------------|
| Ton per hour | 15-25 tph |
| Size Out | 5" - 12" |
| Engine Type | Diesel Cummins stage V |

OTHER SPECIFICATIONS

| | |
|-----------------------------------|----------------------|
| Size In | 40" - 50" |
| Shaft Diameter | 60" |
| Transport Size (L x W x H) | 26'3" X 8'2" X 10'2" |
| Engine Power | 160 hp |
| Feed Height | 10'2" |
| Stockpile Height | 9'4" |
| Operating Weight | 50,700 lbs |
| Mobility | Tracked |
| Working Size (L x W x H) | 26'3" X 8'2" X 10'2" |

FEATURES

- Dust suppression system with spray bars
- Shred almost anything including tires and metal
- Extra durable steel alloy shaft
- Variable speed setting for optimal shredding
- Minimised noise levels and vibrations
- Large easy access doors for maintenance
- 2-way overband magnetic belt
- Wireless remote control operation
- Auto-reverse function to stop blockages

ADD-ONS

DESCRIPTION

Piranha Shredder spare parts

Includes common wear parts