

THOR 1616 K

PROCESSING CAPACITY: 10-20 MT/h



**OUTPUT
MATERIAL**
AS PER ISRI STANDARDS

INPUT MATERIAL

ALUMINIUM

- AL CANS
- LOOSE AL SCRAP
- MIXED LIGHT AL SCRAP
- AL PROFILES
- AL PIPES
- AL SUMPS
- SLIGHTLY PRESSED AL SCRAP BALES
- AL SCRAP BALES
- AL ENGINE BLOCKS

METAL SCRAP

- METAL CANS
- LIGHT METAL SCRAP
- SLIGHTLY PRESSED METAL SCRAP BALES
- CAR PARTS
- SHEARED CARS
- SHEARED METAL SCRAP BALES
- METAL SCRAP BALES
- FLATTENED CARS
- ENTIRE CARS

WHITE GOODS / APPLIANCES

- SMALL SIZE WHITE GOODS
- MEDIUM SIZE WHITE GOODS
- BIG SIZE WHITE GOODS

OTHER MATERIALS

- CDW
- CONCRETE
- REINFORCED CONCRETE
- CONCRETE RAILWAY SLEEPERS



MOBILE HAMMERMILL SHREDDER: THOR 1616 K



KEY BENEFITS

- FINAL PRODUCT DENSITY UPGRADE
- FINAL PRODUCT VOLUME REDUCTION
- EASY APPROVAL OF OPERATING PERMITS
- HIGH MOBILITY, MOUNTED ON TRACK SYSTEM
- HIGH VERSATILITY OF MATERIALS TO PROCESS
- HIGH RESIDUAL VALUE
- OPTIMIZED FOOTPRINT
- REDUCED CIVIL WORK COST (Only Solid Ground Required)
- REDUCED ASSEMBLY TIME
- LOW ASSEMBLY COST
- HIGH GRATE SURFACE
- HIGH ROI, QUICK PAYBACK
- DESIGNED TO MINIMIZE WEAR COSTS
- DESIGNED TO OPTIMIZE MAINTENANCE OPERATIONS
- PROCESS MONITORING AND OPTIMIZATION SERVICE
- TOP QUALITY COMPONENTS (HARDOX, etc.)
- TOP QUALITY VENDOR LIST (SKF, SCHNEIDER ELECTRIC, PARKER, etc.)



TECHNICAL DATA

UNDERCARRIAGE SYSTEM

FEEDING SYSTEM

Option 1 (vibrating feeder):

- Length: 2.50 m (98")
- Width: 1450 mm (47")

Option 2 (tilting ramp and feeding roller):

- Length: 4.15 m (13.50 ft)
- Width: 1520 mm (60")
- Open-air length: 2.85 m (9.35 ft)

HAMMERMILL SHREDDER

- FRZB-1616 Hammermill Shredder
- Internal width: 1600 mm (63")
- Hammers weight: 63 kg (140 lb)
- Replaceable grates
- Equipped with anvil
- Rotor hammer swing diameter: 1600 mm (63")
- Rotor weight: 6.70 MT (14,800 lb)
- Raisable rotor with upper frame
- Hydraulically operated reject door for unshreddables
- Driven by pulleys and V-belt grates

HYDRAULIC HAMMER-PIN EXTRACTOR

HAMMERMILL SHREDDER DISCHARGE CONVEYOR

- Reinforced rubber belt conveyor
- Width: 1200 mm (47")
- Length: 6.80 m (22 ft)
- Discharge height: 2.70 m (8.85 ft)

REMOTE CONTROL

- Includes feeding conveyor belt operation control
- Includes hammermill shredder reject door opening and closure control

ENGINE

- CATERPILLAR C18 TIER 4 diesel engine (755 bHP)

WEIGHT AND DIMENSIONS

Option 1 (vibrating feeder):

- Length: 12.35 m (40.50 ft)
- Width: 3.05 m (10 ft)
- Height: 3.70 m (12 ft)
- Weight: 44 MT (97,000 lb)

Option 2 (tilting ramp and feeding roller):

- Length: 13.75 m (45 ft)
- Width: 3.20 m (10.50 ft)
- Height: 4.75 m (15.50 ft)
- Weight: 51 MT (112,000 lb)

OPTIONALS

- Fully capped rotor
- Magnetic separation unit (electromagnetic drum)
- Metals separation unit (ECS)
- Manual sorting unit
- De-dust system



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