THOR 1721 K

PROCESSING CAPACITY:
15 - 25 MT/h

INPUT MATERIAL

ALUMINIUM
- Al CANS
- LOOSE AI SCRAP
- MIXED LIGHT AI SCRAP
- AI PROFILES
- AI PIPES
- AI SUMPS
- SLIGHTLY PRESSED AI SCRAP BALES
- AI SCRAP BALES
- AI 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

OUTPUT MATERIAL

AS PER ISRI STANDARDS

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MOBILE HAMMERMILL SHREDDER: THOR 1721 K

KEY BENEFITS

- Final Product Density Upgrade
- Final Product Volume Reduction
- Easy Approval of Operating Permit
- 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

MOBILE HAMMERMILL SHREDDER UNIT

- **FEEDING SYSTEM**
  - Tilting ramp
    - Width: 1700 mm (67”)
    - Length: 7.00 m (23.00 ft)
    - Open-air length: 4.60 m (15.00 ft)
- **FEEDING ROLLER**
  - Ø710 mm (28”)
  - Elevation by hydraulic cylinders
  - Rotation by hydraulic motors
- **HAMMERMILL SHREDDER**
  - FRZB-1721 hammermill shredder
  - Internal width: 1700 mm (67”)
  - Hammers weight: 105 kg (230 lb)
  - Replaceable grates
  - Equipped with anvils
  - Rotor hammer swing diameter: 2100 mm (82”)
  - Raiseable rotor with the upper frame
  - Hydraulically operated ejection gate for unshreddables
  - Driven by driveshaft (cardan shaft)
- **HYDRAULIC HAMMER-PIN EXTRACTOR**
- **REMOTE CONTROL**
  - Includes tilting ramp operation control
  - Includes feeding roller operation control
  - Includes hammermill shredder ejection gate opening and closure control
- **WEIGHT AND DIMENSIONS**
  - Length: 18.60 m (61.00 ft)
  - Width: 1200 mm (47”)
  - Height: 2.60 m (8.50 ft)
  - Weight: 104 MT (230,000 lb)

MOBILE POWER UNIT

- **UNDERCARRIAGE SYSTEM**
- **DRIVE**
  - 1200 bHP or 1600 bHP diesel engine
  - Speed reducer
  - Open circuit hydraulic clutch
- **WEIGHT AND DIMENSIONS**
  - 1200 bHP
    - Length: 8.10 m (26.50 ft)
    - Width: 2.50 m (8.20 ft)
    - Height: 3.35 m (11.00 ft)
    - Weight: 23 MT (50,000 lb)
  - 1600 bHP
    - Length: 8.40 m (27.50 ft)
    - Width: 2.50 m (8.20 ft)
    - Height: 3.50 m (11.50 ft)
    - Weight: 25 MT (55,000 lb)

OPTIONALS

- Tilting infeed metallic conveyor
- Double feeding roller
- Fully capped rotor
- Magnetic separation unit (electromagnetic drum)
- Metals separation unit (ECS)
- Manual sorting unit
- De-dust system

WEBSITE

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