

CRUSHING AND RECYCLING SPECIALISTS  
 ESPECIALISTAS EN TRITURACIÓN Y RECICLAJE



PROCESSING  
 CAPACITY:  
 10 – 15 MT/h

# THOR 1521 K



OUTPUT  
 MATERIAL



AS PER ISRI STANDARDS

## INPUT MATERIAL

### ALUMINIUM

- AI 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 ✓

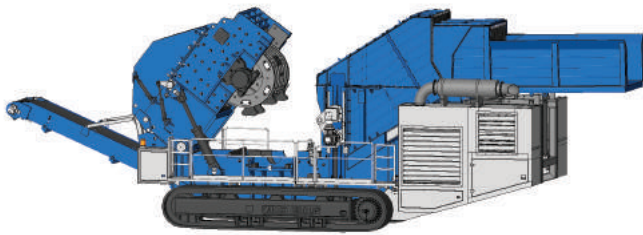
# MOBILE HAMMERMILL SHREDDER: THOR 1521 K

## 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

Tilting ramp:

- Width: 1460 mm (57")
- Length: 4.80 m (15.50 ft)
- Open-air length: 3.50 m (11.50 ft)

### ▲ FEEDING ROLLER

- Ø710 mm (28")
- Elevation by hydraulic cylinders
- Rotation by hydraulic motors

### ▲ HAMMERMILL SHREDDER

- FRZB-1521 hammermill shredder
- Internal width: 1460 mm (57")
- Hammers weight: 105 kg (230 lb)
- Replaceable grates
- Equipped with anvils
- Rotor hammer swing diameter: 2100 mm (82")
- Raiseable rotor with upper frame
- Hydraulically operated ejection gate for unshreddables
- Driven by pulleys and V-belts

### ▲ HAMMERMILL SHREDDER DISCHARGE CONVEYOR

- Reinforced rubber belt conveyor
- Width: 1000 mm (40")
- Length: 5.50 m (18 ft)
- Discharge height: 2.60 m (8.50 ft)
- Driven by hydraulic motor

### ▲ 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

### ▲ DRIVE

- 760 bHP diesel engine
- Hydraulic clutch

### ▲ WEIGHT AND DIMENSIONS

- Length: 16 m (52.50 ft)
- Width: 3.50 m (11.50 ft)
- Height: 5.40 m (17.50 ft)
- Weight: 87 MT (192,000 lb)

## ▲ OPTIONALS

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



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