

# THOR 1216 K

PRODUCTION CAPACITY: 6-15 MT/h



**OUTPUT MATERIAL**  
AS PER ISRI STANDARDS

## INPUT MATERIAL

### ALUMINIUM SCRAP

- AL CANS
- LIGHT AL SCRAP
- PRE-SHREDDED AL SCRAP
- AL PROFILES
- AL SUMPS
- SLIGHTLY PRESSED AL SCRAP BALES
- SHEARED AL SCRAP BALES
- AL SCRAP BALES
- AL ENGINE BLOCKS

### FERROUS SCRAP

- Fe CANS
- LIGHT Fe SCRAP
- PRE-SHREDDED Fe SCRAP
- SLIGHTLY PRESSED Fe SCRAP BALES
- SHEARED Fe SCRAP BALES
- Fe SCRAP BALES
- CAR PARTS
- 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 1216 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

### UNDERCARRIAGE SYSTEM

#### FEEDING SYSTEM

##### Option 1 (vibrating feeder):

- Length: 2.50 m (98")
- Width: 1140 mm (47")

##### Option 2 (tilting ramp and feeding roller):

- Length: 4.15 m (13.50 ft)
- Width: 1110 mm (44")
- Open-air length: 2.85 m (9.35 ft)

### HAMMERMILL SHREDDER

- FRZB-1216 Hammermill Shredder
- Internal width: 1280 mm (50")
- Hammers weight: 63 kg (140 lb)
- Replaceable grates
- Equipped with anvil
- Rotor hammer swing diameter: 1600 mm (63")
- 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: 800 mm (31")
- Length: 6,50 m (21.25 ft)
- Discharge height: 2.50 m (8.20 ft)

### REMOTE CONTROL

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

### ENGINE

- CATERPILLAR C9.3B TIER 4 / STAGE V diesel engine (460 bHP)

### WEIGHT AND DIMENSIONS

#### Option 1 (vibrating feeder):

- Length: 12.30 m (40.35 ft)
- Width: 2.70 m (8.85 ft)
- Height: 3.85 m (12.65 ft)
- Weight: 39 MT (86,000 lb)

#### Option 2 (tilting ramp and feeding roller):

- Length: 13.75 m (45 ft)
- Width: 2.70 m (8.85 ft)
- Height: 4.75 m (15.50 ft)
- Weight: 45 MT (99,000 lb)

### OPTIONALS

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



(R2015/10)

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ZB GROUP. Zamalbide 20100, Errenteria. BASQUE COUNTRY. SPAIN.  
+34 943 515 500 info@groupzb.com www.groupzb.com

