

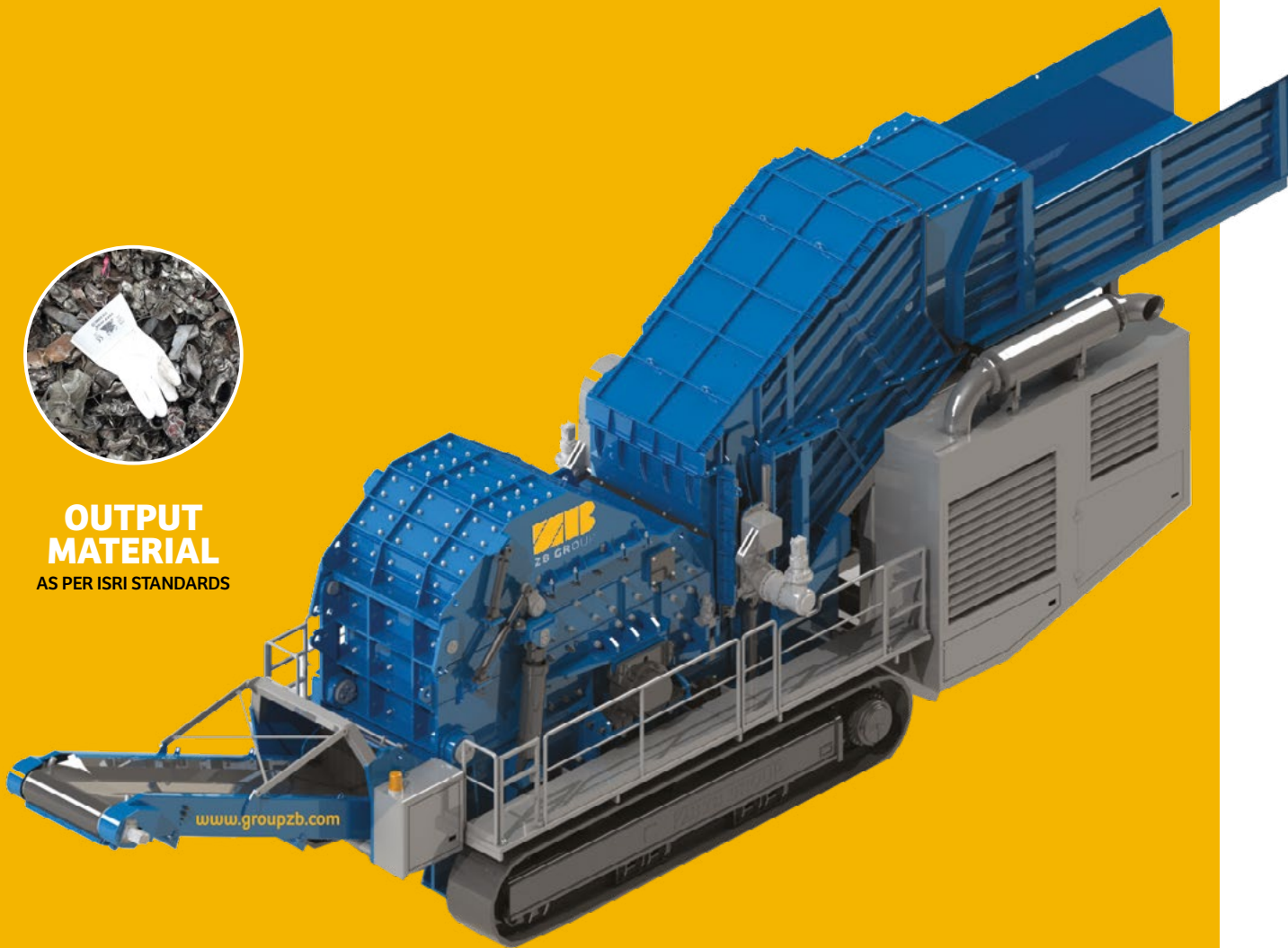
# THOR 1521 K

PROCESSING CAPACITY: 10-15 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

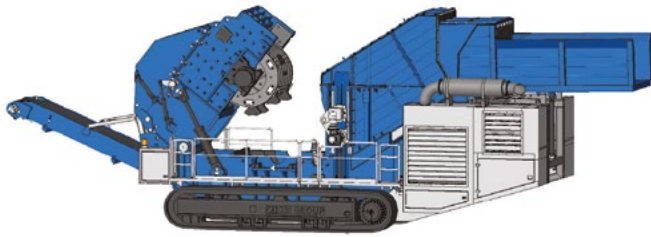
### WHITE GOODS / APPLIANCES

- 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 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 the 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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