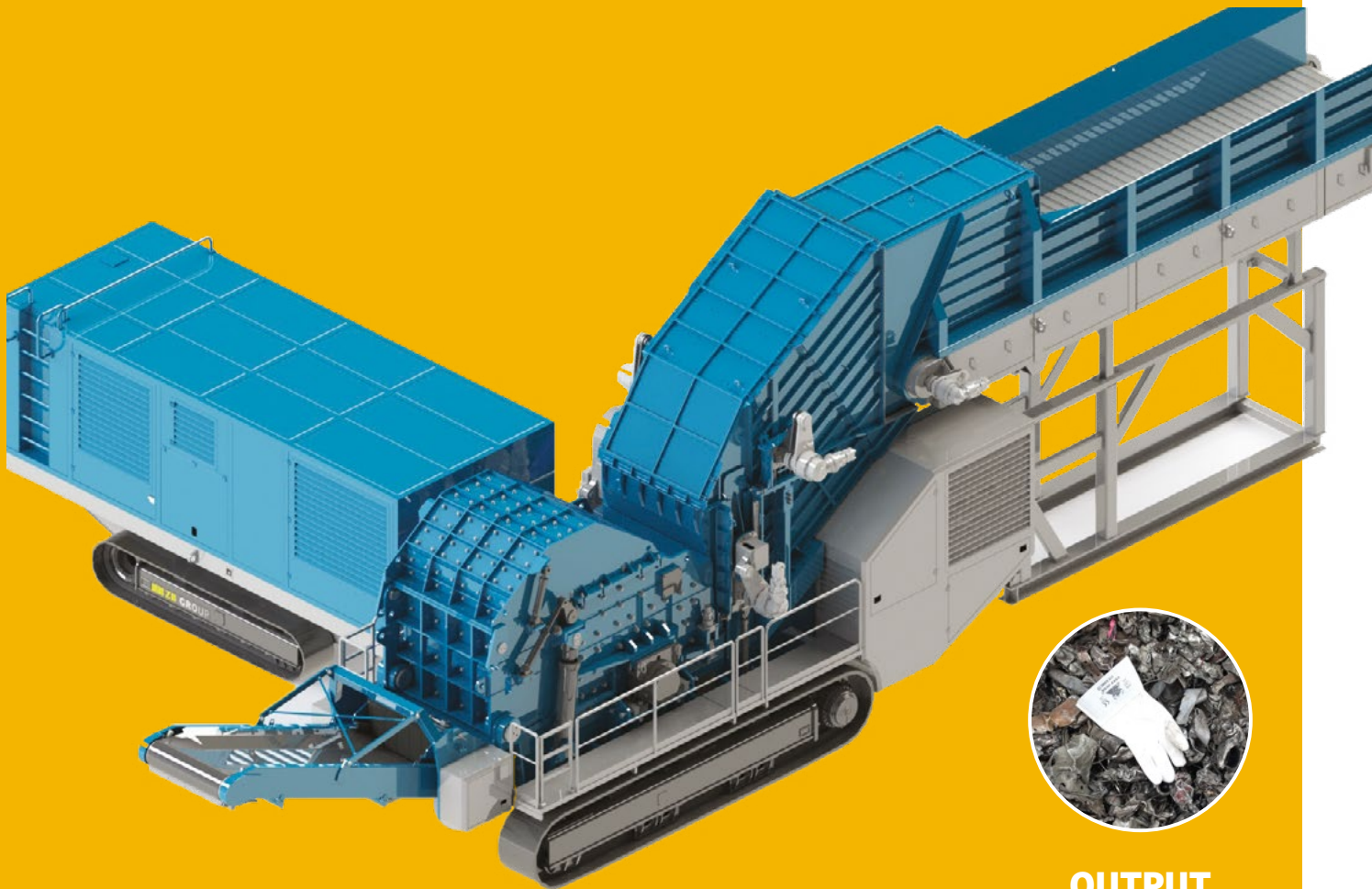


THOR 1721 K

PROCESSING CAPACITY: 15-25 MT/h



**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 1721 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

MOBILE HAMMERMILL SHREDDER UNIT

UNDERCARRIAGE SYSTEM

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)

HAMMERMILL SHREDDER DISCHARGE CONVEYOR

- Reinforced rubber belt conveyor
- Width: 1200 mm (47")
- Length: 5.50 m (18 ft)
- Discharge height: 2.60 m (8.50 ft)
- Driven by hydraulic motor

ENGINE

220 bHP diesel engine

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 DIMENSION

- Length: 18.60 m (61.00 ft)
- Width: 3.50 m (11.50 ft)
- Height: 6.10 m (20.00 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
- De-dust system



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