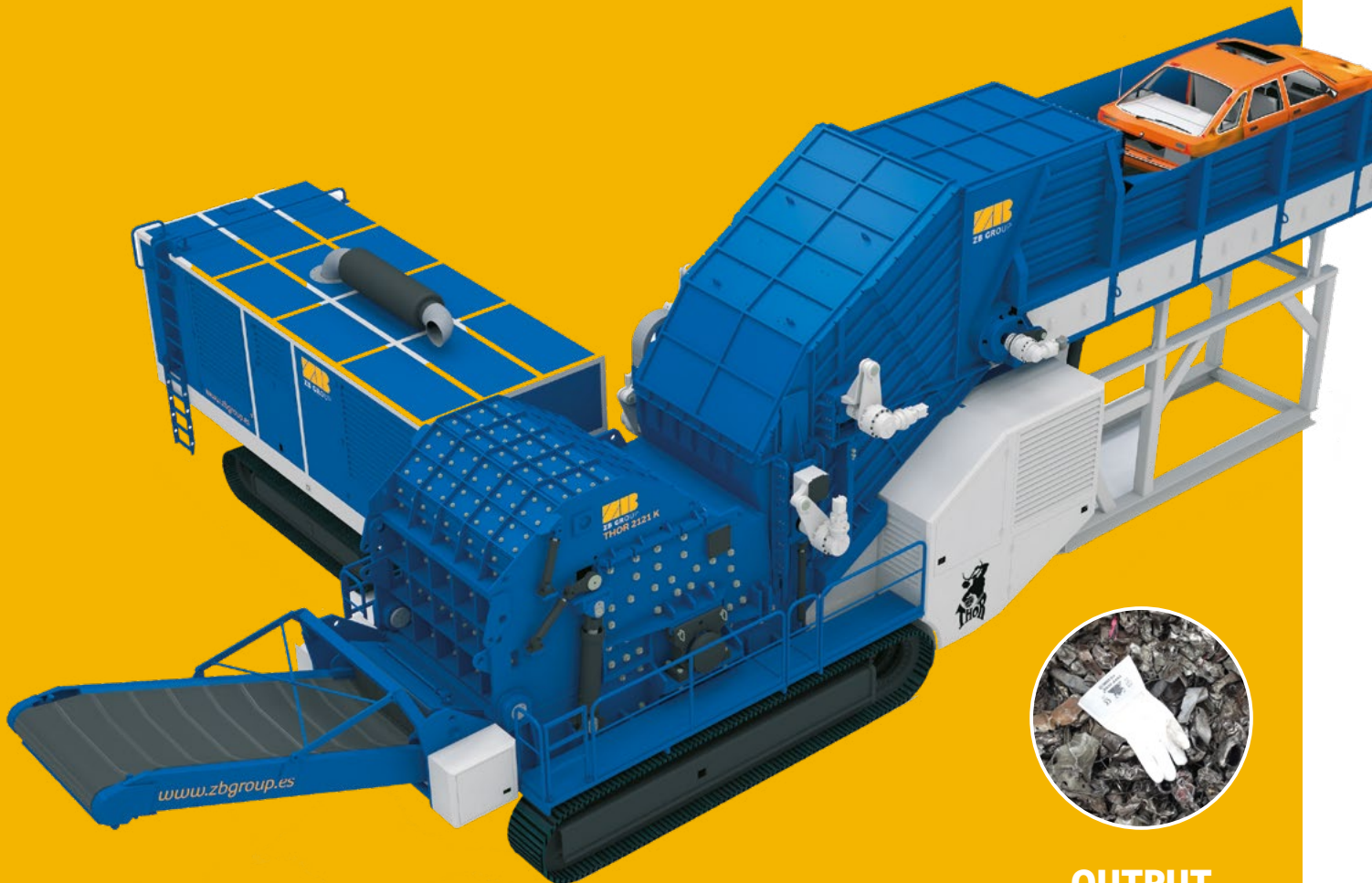


THOR 2121 K

PROCESSING CAPACITY: 20-35 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 CRAP BALES
- ✓ FLATTENED CARS [WIDTH <2,1 m (83")]
- ✓ ENTIRE CARS [WIDTH <2,1 m (83")]

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 2121 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: 2100 mm (83")
- 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-2121 hammermill shredder
- Internal width: 2100 mm (83")
- Hammers weight: 2150 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: 1600 mm (63")
- Length: 5.50 m (18 ft)
- Discharge height: 2.60 m (8.50 ft)

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: 3.95 m (13.00 ft)
- Height: 6.10 m (20.00 ft)
- Weight: 115 MT (255,000 lb)

MOBILE POWER UNIT

UNDERCARRIAGE SYSTEM

DRIVE

- 1600 bHP or 2000 bHP diesel engine
- Speed reducer
- Open circuit hydraulic clutch

WEIGHT AND DIMENSIONS

1600 bHP

- Length: 8.40 (27.50 ft)
- Width: 2.50 m (8.20 ft)
- Height: 3.50 m (11.50 ft)
- Weight: 25 MT (55,000 lb)

2000 bHP

- Length: 9.30 m (30.50 ft)
- Width: 2.90 m (9.50 ft)
- Height: 3.80 m (12.50 ft)
- Weight: 32 MT (70,000 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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Your global solutions partner

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

