

CRUSHER WEAR PARTS

Rubble Master & McCloskey Blow Bars

Bars for compact mobile impactors working demolition and recycling feed, where tramp metal is a daily fact.



OVERVIEW

Compact mobile impactors from Rubble Master, McCloskey and Eagle spend much of their life on demolition and recycling sites, crushing reinforced concrete, brick and asphalt. That feed almost always contains rebar and other tramp metal.

For that duty Melco generally recommends austenitic manganese steel or a martensitic grade rather than high chrome. The bar needs to survive a rebar strike without fracturing, and manganese steel deforms where high chrome would break.

We supply these bars in weight-matched sets, palletised and strapped for direct container loading. This is one of our higher-volume export lines.

APPLICATIONS

- Rubble Master, McCloskey and Eagle mobile impactors
- Reinforced concrete and demolition waste
- Asphalt and road planings recycling
- On-site crushing spreads with mixed feed
- Brick, block and construction waste processing

KEY FEATURES

- Built for tramp metal - Manganese and martensitic grades that deform rather than fracture when rebar goes through.
- Matched sets, palletised - Weight-matched and strapped to heat-treated pallets, ready for container loading.
- High-volume export line - Regular production runs mean patterns are already tooled for the common models.
- Grade guidance included - We advise on grade for your actual feed rather than shipping a single default alloy.

MANUFACTURING SPECIFICATION

Parameter	Specification
Moulding	No-bake resin sand and green sand
Melting	Induction furnace, spectrometer-controlled
Piece weight	5 kg - 2,000 kg
Heat treatment	In-house, computer-controlled cycles
Dimensional control	Template and CMM check against drawing
Documentation	Chemical, hardness and dimensional report per heat

MATERIAL GRADES

Grade	Typical composition	Hardness	Suited to
ASTM A128 Grade A	1.05-1.35% C, 11.0-14.0% Mn	200-229 BHN as-cast, 500+ BHN work-hardened	Standard high-impact duty
ASTM A128 Grade B-3	0.9-1.05% C, 11.5-14.0% Mn	200-229 BHN as-cast, 500+ BHN work-hardened	Heavier sections, improved toughness
ASTM A128 Grade C	1.05-1.35% C, 11.5-14.0% Mn, 1.5-2.5% Cr	220-250 BHN as-cast	Where extra initial hardness is needed
Low-alloy martensitic steel	0.3-0.5% C, Cr-Ni-Mo alloyed	45-52 HRC	Mixed impact and abrasion
Martensitic / manganese composite	Hard martensitic face, austenitic Mn body	50 HRC face, tough core	Reinforced concrete and recycling

ENQUIRIES

Send a drawing, a sample or the machine model and we will confirm the fitment, recommend a grade and quote a firm price and delivery date.

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