PRODUCT CATALOGUE | NOVEMBER 2026

Wear castings for working plants

Shredder hammers, blow bars and industrial castings from Melco Precisions Pvt Ltd. Manufactured for buyers in India and international markets.

Scrap and ELV recycling

Crushing and aggregate processing

An Indian foundry with 40+ years of experience

Melco supplies wear-resistant and heat-resistant castings for recycling, quarrying, mining, cement and industrial processing. Manufacturing capability includes pattern making, casting, heat treatment, machining and inspection.

Manufacturing scope

The published company-wide casting range is approximately 5 kg to 2,000 kg per piece, with reported annual capacity of about 3,000 tonnes across its integrated facilities. Feasibility for an individual part depends on its drawing, alloy and production requirements.

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Browse the complete product range online. View manufacturing information and the supplied ISO 9001:2015 certificate on the company page.

SCRAP AND ELV RECYCLING

Shredder hammers and wear parts

Replacement castings are reviewed against the machine, drawing, material requirement and operating feed. A machine name alone does not confirm fitment.

Shredder Hammers

Manganese and alloy steel hammers for scrap metal recycling. Send the hammer drawing, pin-hole dimensions, set quantity and current wear photographs.

Product details and enquiry

ELV Shredder Hammers

Hammers for end-of-life vehicle recycling applications. Feed mix, impact conditions and hammer geometry guide the material review.

Product details and enquiry

Dual Hardness Hammers

Dual hardness options for selected duties. Agree the design, material regions, hardness requirements and acceptance checks before manufacture.

Product details and enquiry

Shredder Wear Parts

Grates, anvils, rotor caps and other reviewed chamber wear components. Identify the part reference and its relationship to the surrounding assembly.

Product details and enquiry

Original Melco product photograph: shredder hammer castings

Material and acceptance review

Manganese and alloy steel respond differently to impact and abrasion. Include the current grade or certificate where available, photographs of wear or fracture, and the intended inspection criteria. Hardness reports and material certificates are supplied per production batch; agree the required documentation with the quotation.

For trial orders, record the operating feed, installation conditions and acceptance checks so results can be compared meaningfully. Minimum order and production lead time are confirmed with quotation.

QUARRYING, CEMENT AND MINING

Crushing, grinding and feeding

Define the component, operating duty and mating assembly before comparing replacement castings or material options.

HSI Impactor Blow Bars

High chrome, martensitic and manganese options, selected for feed, impact and contamination conditions. Send the mounting profile and part drawing.

Product details and enquiry

Crusher Wear Parts

Wear castings for crushing applications, subject to drawing and assembly review. Identify the machine, part reference and required material.

Product details and enquiry

VSI Wear Parts

Cast impellers, anvils and related VSI wear components. Match the component geometry and operating application to the replacement request.

Product details and enquiry

Ball Mill Liners

Shell and head liners, lifter bars and grate plates. High chrome and Ni-hard material options are reviewed against the mill and grinding duty.

Product details and enquiry

Apron Feeder Parts

Pans, chain links, rollers and sprockets for material handling. Provide pan dimensions, chain pitch, assembly details and worn-part photographs.

Product details and enquiry

Machine fitment

Brand-specific product pages help identify the intended machine family. Confirm the exact model, drawing revision, mounting dimensions and part reference before ordering.

Product details and enquiry

Material review before quotation

Blow bars: describe abrasion, impact and contamination before choosing high chrome, martensitic or manganese options.
Mill liners: identify the mill, liner arrangement, grinding duty and specified high chrome or Ni-hard grade.
Feeder components: provide the assembly dimensions, chain/pan relationship, current material and observed wear.

Melco is an independent aftermarket manufacturer. Equipment brand names identify intended applications and do not imply OEM manufacture or endorsement. Wear life depends on the operating conditions and agreed material, not the part name alone.

ADDITIONAL MANUFACTURING RANGES

Industrial wear and alloy castings

The company range also includes the following application families. Exact component dimensions, alloy suitability and manufacturing feasibility are confirmed after technical review.

High Chrome Roller Tyres

Replacement roller tyre castings. Review the working profile, bore, mounting arrangement and current wear condition.

Product details and enquiry

Grate Bars and W2E Grates

Grate castings for waste-to-energy, pellet plant and sintering applications. Specify the duty, temperature and mating arrangement.

Product details and enquiry

Hollowcore Machine Augers

Auger castings for hollowcore precast equipment. Supply the profile, pitch, mounting details and approved drawing.

Product details and enquiry

Slurry Pump Castings

Impellers, casings, liners and related cast parts. Identify the pump reference, slurry conditions and required alloy.

Product details and enquiry

Heat-Resistant Furnace Parts

Cast trays, fixtures and furnace components for reviewed thermal duties. Specify temperature, atmosphere and loading.

Product details and enquiry

Paper and Pulp Castings

Refiner and pump components for paper and pulp applications. Identify the component, process conditions and material.

Product details and enquiry

Mining and Grinding Castings

Grinding media and related wear components for mineral processing. Include the application, dimensions and material requirement.

Product details and enquiry

Industrial Alloy Castings

Reviewed heat, wear and corrosion-resistant components. Supply the service conditions, drawing and specified alloy.

Product details and enquiry

Custom castings: Send the approved drawing or sample information, critical tolerances, machining scope, material specification and quantity. Photographs of a worn part support the review but may not establish its original finished dimensions.

QUOTATION AND SUPPLY

Prepare a clear enquiry

Send enough information to review fitment, material and supply scope together. Email drawings and photographs, or use the website enquiry form.

1. Part and operating details

Machine make/model and part reference; drawing revision and dimensions; current grade or certificate; feed material, impact or wear conditions; quantity and set requirements.

2. Inspection and delivery requirements

Requested dimensional checks, hardness requirements and material records. For India, include the delivery city, state and PIN code. For export orders, include the receiving country, port or delivery location and requested shipping basis.

India and export markets

Domestic: India.
Primary export focus: USA and Australia.
Other target markets: South Africa, Zambia, Congo, Ghana, Russia, Spain, United Kingdom, Germany, UAE, Yemen, Morocco, Algeria and Tunisia.
For Congo, specify the Democratic Republic of the Congo or the Republic of the Congo and the delivery location.

Commercial terms: Minimum order, production lead time, packing, any pattern requirements, delivery scope and available shipping terms are confirmed with quotation. Listed markets are enquiry destinations, not local office or stock locations.

Contact Melco Precisions Pvt Ltd

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Open the online enquiry form | India and export buyer information
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