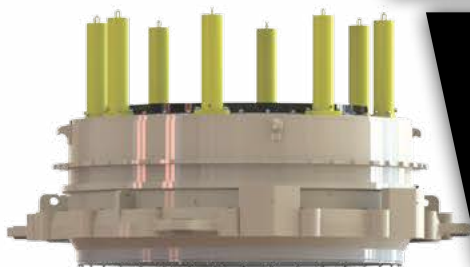


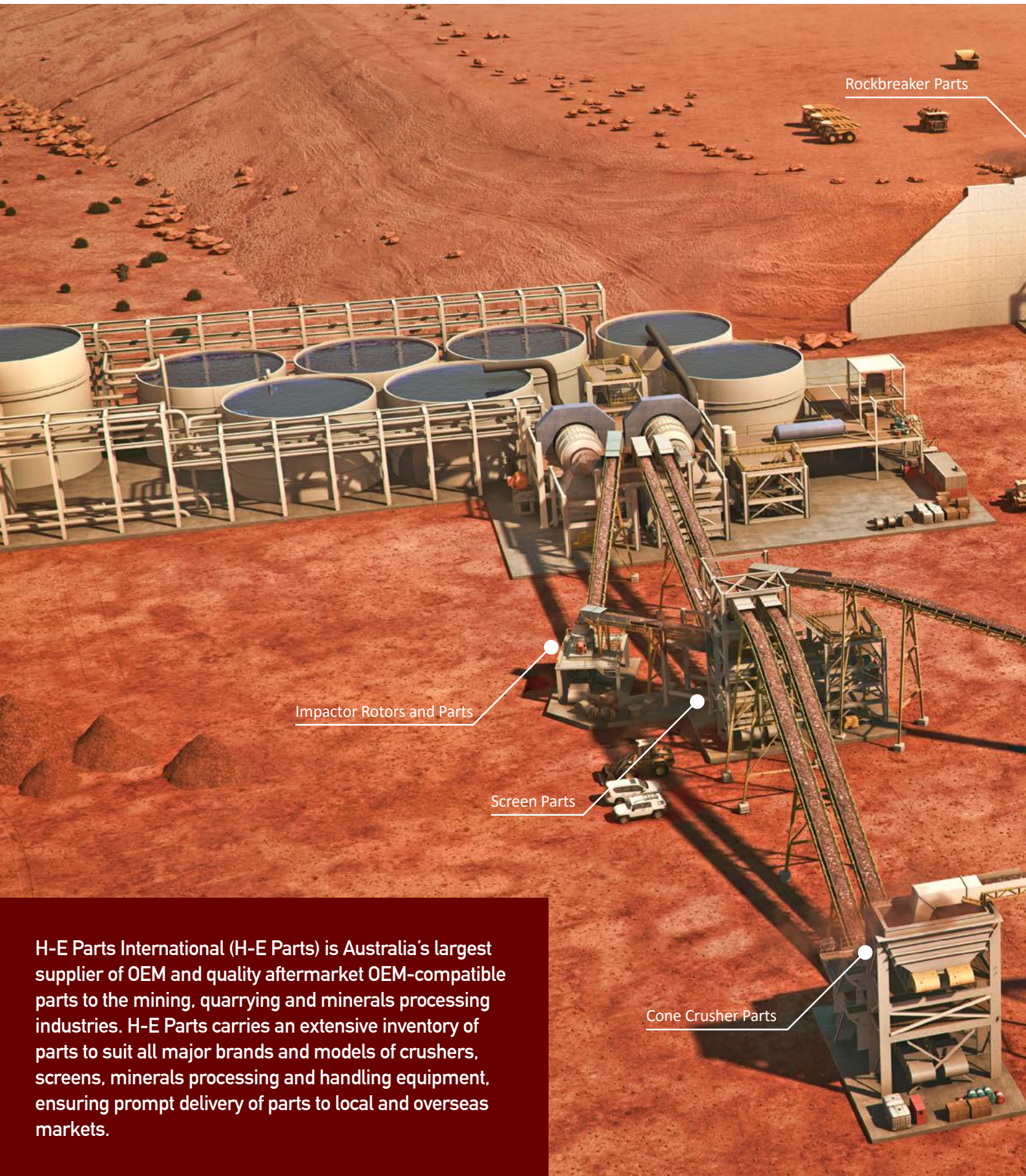
INNOVATION.
NOT DUPLICATION.™



 **HE PARTS**
INTERNATIONAL
CRUSHING SOLUTIONS

PARTS





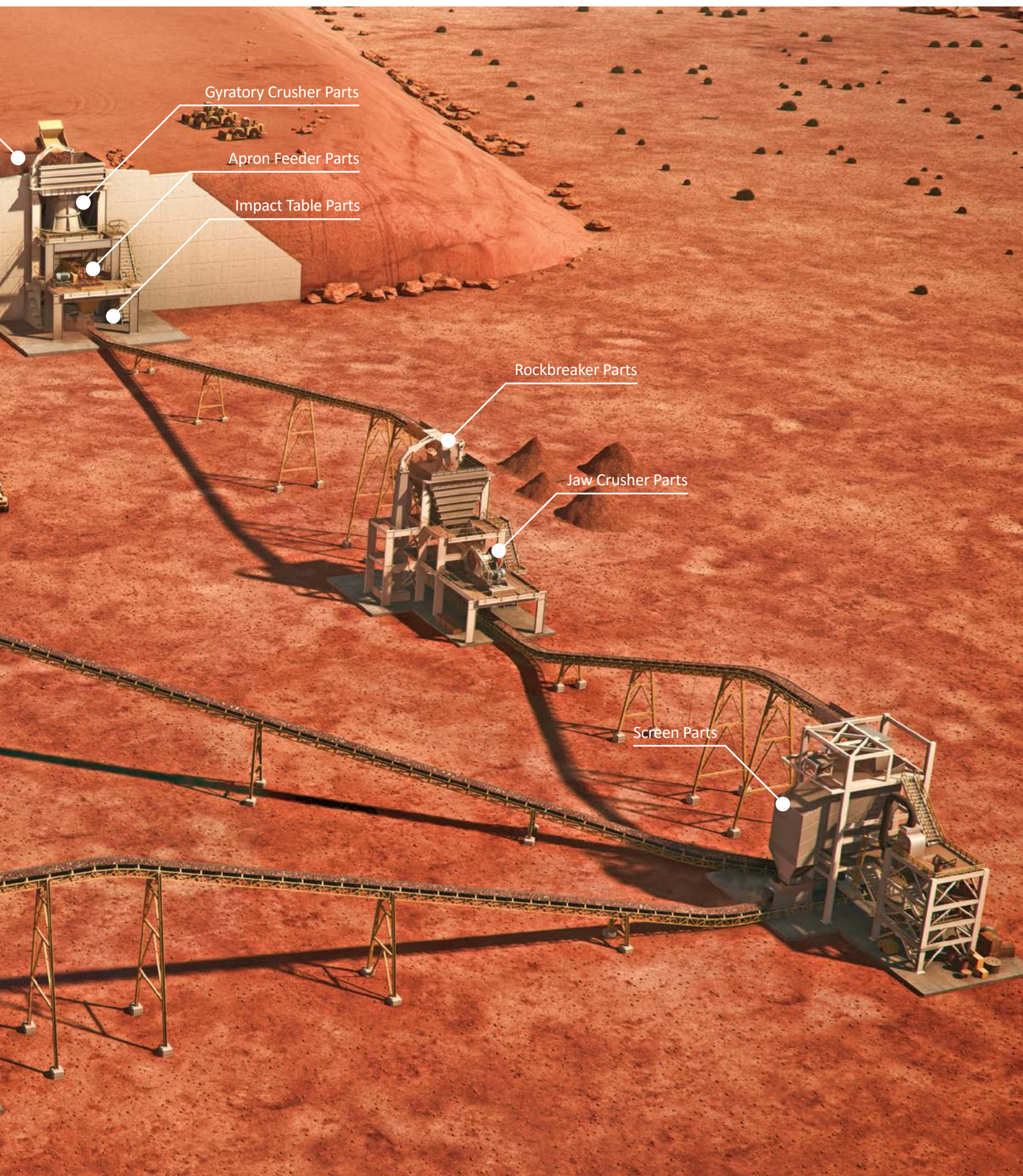
Rockbreaker Parts

Impactor Rotors and Parts

Screen Parts

Cone Crusher Parts

H-E Parts International (H-E Parts) is Australia's largest supplier of OEM and quality aftermarket OEM-compatible parts to the mining, quarrying and minerals processing industries. H-E Parts carries an extensive inventory of parts to suit all major brands and models of crushers, screens, minerals processing and handling equipment, ensuring prompt delivery of parts to local and overseas markets.



Gyratory Crusher Parts

Apron Feeder Parts

Impact Table Parts

Rockbreaker Parts

Jaw Crusher Parts

Screen Parts

PARTS OVERVIEW

H-E Parts is continually adding to our product offering and has engineering capabilities to extend this range at short notice. Common parts we supply include; crusher heads, bowls, counterweights, bronze bushes, eccentrics, gears and countershafts.

PARTS ENGINEERING

H-E Parts is able to supply an extensive range of OEM equivalent, compatible replacement parts and our engineering, manufacturing and service teams are renowned for developing improvements over OEM designs. Where a site-specific solution is needed, our experienced team of designers are available to evaluate individual applications and provide solutions to meet our customers' needs.

OEM PARTS REPAIRS AND REFURBISHMENT

Where some customers may have been advised to discard expensive parts such as counterweights, adjustment rings and crusher heads - these items are regularly repaired by H-E Parts back to original specification, and often to a higher specification.

SERVICE EXCHANGE

Although the cost of repairing an item is often lower than the price of a new part, the time taken to repair the item can be an issue. In order to address this, H-E Parts offers a service exchange program that provides substantial reductions on the price of new or reconditioned parts, based on the relative condition of returned items.

Where long-term security is required for critical items, H-E Parts offers formal service exchange agreements that ensure an agreed level of available stock is kept in reserve for your site at all times.

QUALITY

H-E Parts places priority on quality to ensure we meet or exceed clients' expectations in design, products, services, and solutions globally.

Quality and compliance is an integral part of what we do at H-E Parts, and as such, we regularly review and improve our policies and practices to reflect this.

H-E PARTS EMPLOYS

QUALITY CERTIFICATION

CHEMICAL ANALYSIS

PHYSICAL TEST SAMPLES

MICROSTRUCTURE ANALYSIS

DIMENSIONAL VERIFICATION



CRUSHER PARTS

CONE CRUSHER PARTS

H-E Parts has decades of experience supplying customers around the world with an extensive range of cone crusher parts for both bush and bearing varieties.

H-E Parts can provide premium compatible replacement cone components such as; mainframe assembly, bowl assembly, socket assembly, eccentric assembly, adjustment ring assembly, head assembly, counter shaft box, locknut, liner assembly and other miscellaneous components.

Furthermore H-E Parts parts suppliers have extensive global experience and have researched many common crusher problems, seeking to rectify these issues and improve the design to ensure common issues are minimized and end users benefit from reduced total cost of ownership.

Some examples that illustrate H-E Parts ability to provide compatible replacement parts with improved design elements, such as a combination of improved productivity, cost savings and safety enhancements, include the following;

Feed distributor and main shaft extension options, for both standard and short head arrangements, to suit Symons cone

- Hydraulic crusher clearing system to suit Symons cone.
- Improved lock post to suit Symons cone.
- Extended countershaft box guard to suit Metso 1560 Omnicone.
- Feed plate options to suit Metso 1560 Omnicone.
- Improved head design to suit Metso MP1000 cone.

H-E Parts stocks compatible replacement parts to suit the following brands of cone crushers:

- | | | |
|-------------------|--------------------|------------|
| ▪ Allis Chalmers | ▪ Terex Cedarapids | ▪ FLSmidth |
| ▪ Ibag | ▪ Jaques | ▪ JCI |
| ▪ Jianshe | ▪ Kangwon | ▪ Kawasaki |
| ▪ Kemco | ▪ Kobe | ▪ Kue Ken |
| ▪ Minyu | ▪ Metso Nordberg | ▪ Parker |
| ▪ Pegson Telsmith | ▪ Svedala Sandvik | ▪ Symons |

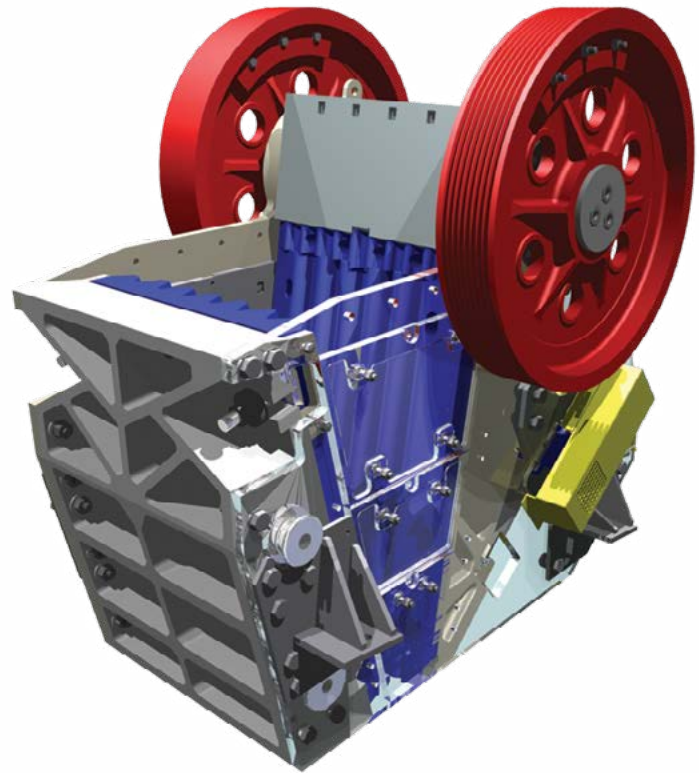


JAW CRUSHER PARTS

H-E Parts stocks precision-machined manufactured eccentric shafts, labyrinths, spacers and end covers to suit most popular jaw crushers. H-E Parts also carries toggle assembly components for single and double toggle crushers including toggle beams, groove blocks, wedge blocks, toggle seats, toggle grooves, toggle pins and pitmans together with all ancillary components.

H-E Parts stocks compatible replacement parts to suit the following brands of jaw crushers:

- | | | |
|-------------------|------------------|------------------|
| ▪ Terex | ▪ Cedarapids | ▪ Baxter |
| ▪ Duoling | ▪ Extec | ▪ Goodwin |
| ▪ Hadfield | ▪ Ibag | ▪ Terex Jaques |
| ▪ Jianshe | ▪ Kangwon | ▪ Kawasaki |
| ▪ Kemco | ▪ Kobe | ▪ Komatsu |
| ▪ Krupp | ▪ Kue Ken | ▪ Kurimoto |
| ▪ Lokomo | ▪ Metso Nordberg | ▪ Minyu |
| ▪ Morgardshammer | ▪ Parker | ▪ Pegson |
| ▪ Telsmith | ▪ Pioneer | ▪ Roxon |
| ▪ Svedala Sandvik | ▪ Tesab | ▪ Vickers Ruwolt |



CRUSHER PARTS

IMPACTOR PARTS

H-E Parts has a complete range of compatible replacement impact crusher parts and spares for both vertical shaft impactors (VSI) and horizontal shaft impactors (HSI) including rotors, breaker bars, hammers, wear liners, bearings, electrical components and shafts.

AUSPACTOR™ VSI PARTS

H-E Parts proprietary Auspactor™ VSI has been a market leader since its inception in 2000, with many mining, quarry and minerals processing applications globally running this type of crusher.

The benefits of the Auspactor™ aren't limited to owners of the brand, with rotors, bearing cartridges, cavity liners, cascade units and other major components capable of being retrofitted to most common VSI's in the market, including the following brands;

- Auspactor™
- Sandvik
- Barmac
- Terex Canica

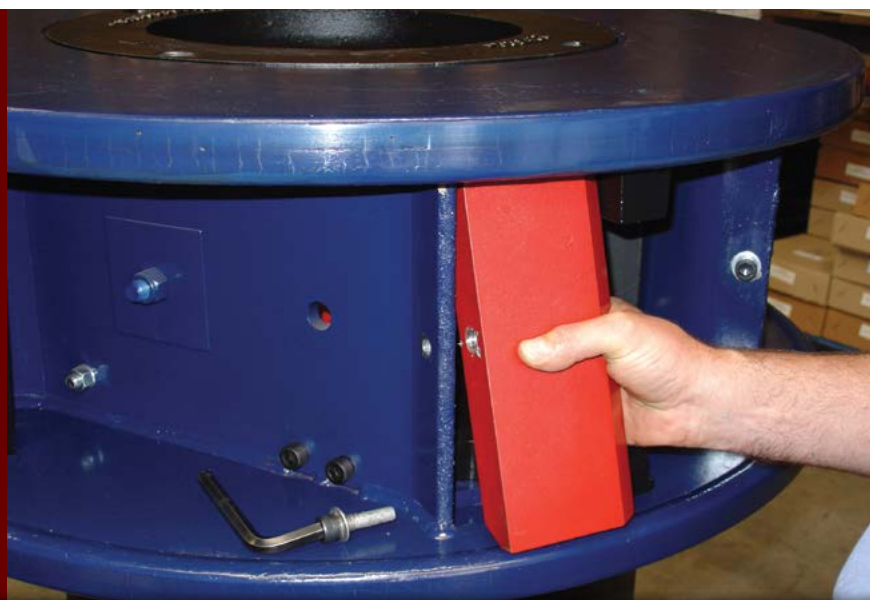
New rotor technologies have reduced the number of tip wear parts used and therefore costs. In competing rotors there are up to 17 parts including wear consumables and fasteners in each port. The Auspactor™ rotor contains four parts, which consists of two wear parts and two small locating screws in each port.

Not only does the Auspactor™ rotor allow the simplest tip changing system available, other benefits include;

- Standard, heavy-duty and extreme wear part options are available.
- Lift-in / lift-out one piece tip design.
- Simple retrofit for any VSI crusher.
- No external brittle wear castings.
- High and extreme wear distributor plate options.
- Centreless distributor options means no distributor plate bolt.
- Stays balanced for the life of wear parts.
- Smooth top and edge eliminates streaming.

ROTOR TIP CHANGE

THE AUSPACTOR™ ROTOR ALLOWS THE SIMPLEST TIP CHANGING SYSTEM AVAILABLE. THE LIFT-IN, LIFT-OUT TIPS ARE HELD SECURELY IN PLACE BY THE RECESSES OF THE TOP AND BOTTOM ROTOR FLANGES AND ARE LOCKED IN WITH A SIMPLE RETAINER.



GYRATORY CRUSHER PARTS

H-E Parts product range of compatible replacement gyratory parts includes precision machined spider bushings, eccentric bushings, shell bushings, main-shaft nuts, spider rim liners, spider shields, dust seal rings, step washers, piston wear plates, pinion shafts, shell bolts and many more components to suit most crushers in the market place; including the following brands;

- Allis Chalmers
- FLSmidth
- Fuller-Traylor
- Kobe
- Lokomo
- Sandvik
- Svedala
- Metso / Nordberg
- Terex Jaques
- ThyssenKrupp



SCREENS AND FEEDERS

SCREENS

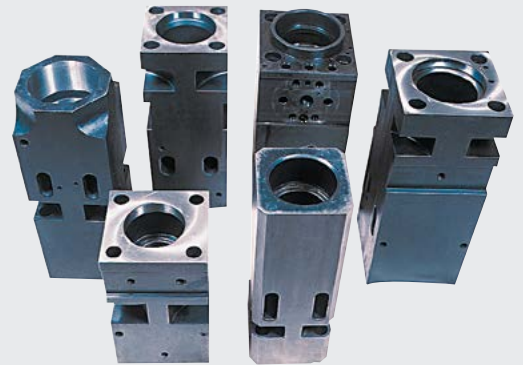
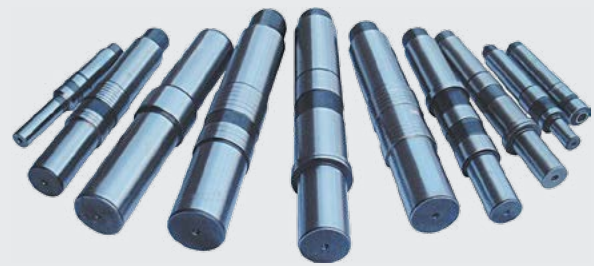
H-E Parts stocks a full range of OEM and compatible replacement parts for both mobile and fixed vibrating screens including gearbox assemblies, snubber rubber assemblies, spring packs, retaining clamps, bearing housings, side plates and other general screen components to suit the following brands;

- Allis Chalmers
- Terex Cedarapids ElJay
- Jaques
- Minyu
- Schenck
- Svedala / Sandvik

FEEDERS

H-E Parts can provide a comprehensive range of parts for a variety of feeders including; grizzly, apron pan and belt feeders. These include chains, sprockets, shaker motors, clamping rods and associated fasteners.

Furthermore H-E Parts can also provide a range of wear components including grizzly fingers and bars, apron pans and associated wear liners to reduce equipment downtime and maintenance.



"H-E PARTS STOCKS A FULL RANGE OF PARTS FOR BOTH MOBILE AND FIXED VIBRATING SCREENS."



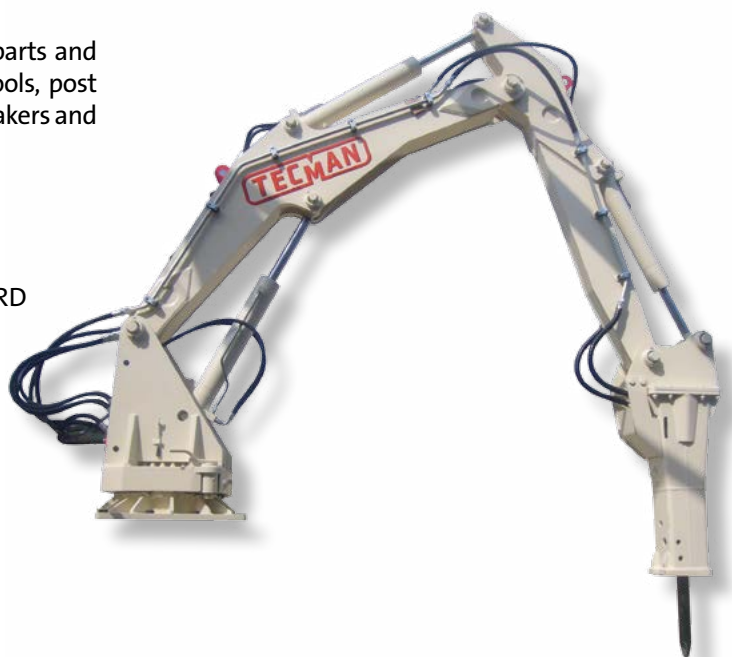
ROCK BREAKER BOOMS

TECMAN ROCK BREAKER BOOMS

H-E Parts supports the Tecman range of rock breaker boom systems, hydraulic hammers and demolition tools with precision machined Tecman OEM parts including; chuck housings, tool bushes, cylinders and liners, pistons, buffers, seal kits, tie rods, membranes and many more.

Furthermore, H-E Parts can provide OEM compatible replacement parts and tools such as; points, chisels, blunts, super blunts, dust relieving tools, post rammers and trench compactors for the following brands of rock breakers and attachments;

- | | | |
|-------------------|--------------------------|----------------|
| ▪ Arrowhead | ▪ Atlas Copco | ▪ Bobcat |
| ▪ BTI – TB Series | ▪ Caterpillar | ▪ D&A |
| ▪ Demo / Daemo | ▪ DNB | ▪ Furukawa FRD |
| ▪ Hanwoo | ▪ Hydra Khan / Hydra Ram | ▪ Indeco |
| ▪ Italdem | ▪ JCB | ▪ Komac |
| ▪ Komatsu | ▪ Korota | ▪ Krupp |
| ▪ Kwanglim | ▪ Lifton | ▪ Magnum |
| ▪ Mega | ▪ Montabert | ▪ MSB |
| ▪ NPK | ▪ Okada | ▪ Omal |
| ▪ Promove | ▪ Tramac | |



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H-E PARTS, GLOBAL LOCATIONS, FOR GLOBAL SOLUTIONS.



H-E Parts International replacement parts are compatible with the makes and/or models of the third-party equipment described. H-E Parts International is not an authorized repair facility of these third parties and it does not have an affiliation with any manufacturers of these third-party products. All brands, original equipment manufacturer (OEM) part numbers or references are owned by the respective OEM entities or their affiliates. These terms are used by H-E Parts International for identification and cross reference purposes only and are not intended to indicate affiliation with, or approval by the OEM, of H-E Parts International or its products. All parts are manufactured by, for and warranted by H-E Parts International and are not manufactured by, purchased from or warranted by the OEM.



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