

Maintenance Services

Working in combination with sister operation **Phillips Kiln Services**, British Rema engineers provide international coverage for the service, maintenance and repair of ball mills, rotary vessels and other industrial and laboratory-scale size-reduction and classification process plant.

British Rema engineers can service, repair and maintain an extensive range of processing equipment, both in conjunction with scheduled programmes and on an ad-hoc basis. The work can be carried out either on-site or in our workshops to suit customer requirements.

Typical services provided are:

Site surveys:

- Mechanical condition assessment
- Optimization of speed of rotation
- Shell re-alignment

Troubleshooting:

- Temperature, vibration and air supply checks
- Monitoring the efficiency of closed-circuit systems
- On-site static and dynamic balancing
- Service repair or replacement of wear parts
- Reconditioning
- Equipment re-design and upgrade
- Relocation/re-commissioning of plant
- Internal plate mapping
- Media fill monitoring (ball mills)



Phillips Kiln Services has over 40 years' experience of working with a wide range of thermal and cold rotary equipment, as well as ball mills and associated process plant. Specialising in **tyre-mounted rotary vessels**, our customers operate in fields as diverse as cement and clay, foods and fertilizers, petrochemicals and plastics.

British Rema is one of the UK's longest-established businesses specialising in **powder process equipment** and **contract processing**, and is internationally respected in the fields of **particle size reduction** and **particle size control**.



The main types of machinery and plant we service are:

ball mills
 chutes and product hoppers
 classification equipment
 dryers
 duct work
 dust control equipment
 fans
 impact mills
 jet mills
 micronisers
 mixers and blenders
 raw mills
 roller mills
 rotary coolers
 separators
 sieves and sifters

British Rema Process Equipment Ltd

Image Works, Foxwood Close, Chesterfield, Derbyshire S41 9RN United Kingdom
 tel: + 44 (0)1246 269955 fax: + 44 (0)1246 269944
 email: sales@britishrema.com web: www.britishrema.com

Spare Parts Service

British Rema's Spare Parts and Maintenance division provides a world-class after-sales service whether for a laboratory-scale microniser or major industrial plant.

We stock many standard wear parts for current models and these can be made available for next-day delivery. Larger parts and replacement sections can be manufactured specially to order but are always priced cost-effectively. Our lead times for large critical spares are highly competitive. In addition we offer in-house design and drafting facilities to recreate obsolete parts or make design changes.

Below is a checklist of the most common replacement parts we supply for size reduction, classification, mixing and drying equipment. However, if you have a specific requirement, please **contact: our Spares & Maintenance Department** with your question.

Ball Mills, Impact Mills, Micronisers: diaphragms, grates and screens, lifters, liner and grinding plates; chains, connectors, mill shells; trunnion bearings; chains, drive train and gear components; feeders, chutes, discharge hoppers and ductwork.

Consumables: ball mill grinding media of all relevant sizes and materials; (steel, ceramic).

Air classifiers, sifters and separators: motors, belts and bearings, headgear, stators, rotors, rotor blades, dust blades, top plates, spiders, carrier and retaining rings; fines, inlet and cone sections; venturi jets; linings, screens, sieves and filters.

Mixers & Blenders: wear parts such as blades, helices, blender bars, agitators, impellers, beaters, choppers, breakers, mincers, hooks, whips, rotors, stators, seals, baffles, discharge valves.

Dryers: a range of containment and customised equipment for vacuum, fluid bed, conical and circulating air drying equipment including customised hoods, trays, tanks, bowls, seals, filters, bearings, valves.

Delivery Spares for British Rema stocked items can be available for **next day delivery**.



Brands & Trademarks: British Rema, Edgar Allen, Aerex, Stag, Aerosplit, Microsplit

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tel: + 44 (0)1246 269955 **fax:** + 44 (0)1246 269944
email: sales@britishrema.com **web:** www.britishrema.com

Sales Director: David Bugler

Technical Sales Manager: Peter Broughton

Spares & Site Services Manager: John Maiden

Registered address: Masters House, 107 Hammersmith Road, London W14 0QH

Company Registration No: 5556424