Incomparable Results
No matter in what industry you are involved - metalworking - electronic - ceramic - optical - metallographic - the Lapmaster loose abrasive processing system helps you to achieve the most demanding part specifications. Wherever precision flatness and finish are mandatory, Lapmaster has the machines and process technology to provide a cost effective solution.

Results from the Lapmaster process include:
- fast stock removal from virtually any material
- flatness to less than one light band (0.0000116")
- finishes to less than one microinch Ra
- size control to 0.0001"
- parallelism within 0.00005"

Model 15 (R&D/Production)
Bench model machines in 12", 15" and 20" sizes will handle low volume R & D projects as well as high production requirements for small parts.

Model 36 (Production)
Floor standing machines ranging in size from 24" dia through 120" dia can accommodate high production requirements involving large or small parts. Materials such as ceramic, metal, glass or composites can routinely be processed to exacting specifications.

Model 15 with Diamond System
Lapmaster diamond slurries and pastes when used in conjunction with composite plates of iron, copper, ceramic, tin or tin/lead will produce consistent stock removal and surface finish on hard or soft materials.

Lapping Compounds
Lapmaster believes that every set of part specifications deserves special attention. That is why Lapmaster markets a complete line of quality aluminum oxides, silicon carbides and boron carbides. Also available are electronic grade abrasives for today's sensitive "high tech" materials. Lapmaster oil or water base vehicles are available. Lapmaster also offers a complete line of premixed slurries.

Dual Face Lapping/Polishing Machines
The Lapmaster 4-way planetary dual face machines are capable of lapping and polishing a wide variety of hard and soft materials. These machines offer programmable cycles, size control, and 4-way operation, for components up to 19" diameter.

Lapmaster 48 Optical Air Bearing Polishing Machine
Pitch polisher designed to produce extremely flat surfaces and fine finishes on a variety of materials. Unique, air-bearing spindle minimizes transfer of heat and vibration to the polishing surface. This machine has a 48" Annular pitch lap with temperature control, with 3 positively driven work stations capable of handling components up to 16" diameter each. Standard features include: positively driven conditioner, oscillating work station drives, and removable pitch trimming bar. Other models available.

Monochromatic Lights
For assessing the flatness of processed components. Economic running costs and a long operating life.

Diamond Products
For processing a wide variety of soft and hard materials, Lapmaster offers diamond powder, slurry and paste formulated under ISO 9002 regulations. Automatic dispensing and stirring units are also available for fast, clean and economical diamond processing.

Applications Laboratory
Lapmaster International operates the most extensive loose abrasive process applications laboratory in the industry. Just a few parts, processed free of charge to your specifications, will prove the cost-effectiveness of using a Lapmaster system.

Technical Support
The expertise of the entire Lapmaster staff - sales technicians - laboratory/production personnel - engineers - is always ready to help solve your lapping and polishing problems. Our experienced technicians will review your blueprints or sample parts and recommend the appropriate Lapmaster system that will best serve your production, quality and delivery requirements.

Accessories
To complement our lapping and polishing machines, Lapmaster offers a complete line of accessories. Optical flats and monochromatic lights for flatness inspection, polishing stands with various grades of abrasive paper, hand lapping plates and much more make Lapmaster the single source for all your lapping and polishing needs. Lapmaster offers top quality factory original spare parts to keep your Lapmaster equipment operating in peak condition.

Contact Lapmaster for more information
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