

watch the costs  
the **profits**  
will take care of themselves



# Mill Optimisation Consulting

## The Experience Sharing

With our 5 decades of experience of in Flour milling, we have created a new range of services to offer. With CHOYAL Mill Optimisation Consulting services, we share our experience with you on the profit centres and operational ease. Whether you are considering setting up a new food processing plant or modernising an existing one, our specialised engineering services cover the complete spectrum of technical consulting in the grain industry.

Our specialised services cover the complete spectrum of technical consulting in the grain industry:

- Preparation of Techno-Commercial Feasibility Report (Bank Project Report) for any type of plant
- Selection of Machines, Material and Man Power (Erection and Fabrication team)
- Experimental Milling according to the specifications of the product.
- Industrial Automation & Modification of the Mill
- Quality Control
- Dust Control System
- Refraction Grinding & Mixing Plant
- Consumer Packing System
- Laboratory setup for Micro & Chemical testing
- Layout planning of the site
- Detailed Engineering of the Mechanical Work
- List of Machinery, Accessories, Electrical Motors, Panels, Transformer, Generator etc.
- Guidance in buying, negotiating and selecting best of the machinery available in the market.
- Up-gradation/Expansion/Renovation/Repair of Existing Plants.
- Provide Technicians/Operators for running plants.
- Overall Project Management after Setup
- To assist along the project life and according to its need
- Identifying the best positioning for your project

## Panel of Experts

Our technicians form a guild of Consultants of Flour Milling & Food processing Industries in India. Together, we offer world class consultation pertaining to food processing plant & equipment for Flour Milling & Food processing industries. Our accuracy, in-depth domain knowledge and cutting-edge innovation has placed us ahead of our competitors.

## Innovative Products for increasing profitability

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Power Consumption vs Output</li> <li>• Moisture Percentage Control of Atta</li> <li>• Bran Percentage Control</li> <li>• Yield Percentage Management</li> <li>• Refraction Management</li> <li>• Grain Handling &amp; Cleaning Process</li> <li>• Cycle Time of the Cleaning &amp; Milling Process</li> <li>• Atta Fineness Control and uniformity of output</li> <li>• Atta Temperature Control</li> <li>• Mill Utilization &amp; Management</li> </ul> | <ul style="list-style-type: none"> <li>• 30% power saving / 30% more production</li> <li>• Less Maintenance and Operational cost</li> <li>• Benchmark Data Logging</li> <li>• 32 preset recipes for consistent output throughout product range</li> <li>• Stone dressing indicators &amp; alarms</li> <li>• Savings on man power requirement</li> <li>• Semi automatic system to control moisture in grain</li> <li>• PLC Operated water dampening machine</li> <li>• Integrated volumetric grain flow controller</li> <li>• Incredibly economic yet reliable</li> <li>• For maintaining uniformity of moisture in Atta output</li> <li>• Digital Mill Operation reducing man power requirement</li> <li>• Auto Grain Blending to control cost of grain</li> <li>• In process stock calculation</li> <li>• Online monitoring of Yield, Moisture, Bran Extraction.</li> <li>• Integrated Data Logging System</li> <li>• An advanced Software empowers to have proper monitoring and control</li> <li>• Provides data for HRM, Raw Material Stocks, Logistics &amp; Dispatches, Warehouse, Maintenance , etc.</li> <li>• Comprises of AI, Deep Learning, Advanced Analytics, etc.</li> <li>• The power to monitor and control entire milling operations from an Android Application</li> </ul> |
|---|--|

### WONDER Mill



### WONDER Drop



### WONDER Miller Lite



### WONDER Pro Miller





Manufacturers & Exporters  
**SHRI VISHVAKARMA**  
 (EMERY STONES) INDUSTRIES PVT. LTD.

Regd. Office & Unit I : Vishvakarma Nagar, P.O. Saradhana- 305206  
 Unit II : Arjunpura - Khalsa, Distt. AJMER (Rajasthan) INDIA  
 Ph: +91-145-2782228, 2782231 | Website: [www.choyal.com](http://www.choyal.com)  
 City Office : Choyal Tower, 1180/28, Shalimar Colony  
 Adarsh Nagar, Nasirabad Road, Ajmer  
 E-Mail: [info@choyal.com](mailto:info@choyal.com)  
 CIN No.: U14101RJ1978PTC001772  
 Mob: 9166336677, 9166116677