Welcome to FERROMATIK MILACRON India
Leading Plastics Injection Moulding Machine Manufacturer

MAGNA-T SERVO  OMEGA SERVO  MAXIMA SERVO  ELEKTRON
Introducing the **NEW** Milacron Group

**Now more than ever, your Most Complete Partner in PLASTICS**

- The widest range of Plastics Processing Equipment, Technologies and Services in the World
- Five Businesses with one shared focus: Advancing our Customers’ Success
A Leading Global Solutions Provider

- INJECTION MOLDING, Extrusion and Blow Molding Machinery
- Industry-Leading Brands: Milacron, Cincinnati, Ferromatik and Uniloy

- World’s Leading Manufacturer of Premium Hot Runner Systems
- Standard-setting Innovations and Market-specific Solutions

- Complete range of market-leading products for Injection Molding
- Mold bases, Mold Components, Hot and Cold Runner Systems and Control Systems

- Serving the Americas in Plastics Machinery Parts and Services
- Enhance Customer Performance and Efficiency from equipment delivery through entire lifecycle

- Worldwide Leader in Premium Metalworking Fluid Technology for Automotive, Aerospace and Metalworking Applications
- Synthetic and Semi-Synthetic Lubricants and Coolants
Milacron Group

Foundation – 1884
Employees – Over 4,100 Nos.
Experience - Over 125 Years
Sales – 1.1 Billion US$
Milacron Injection Moulding Locations

Cincinnati Milacron Batavia, Ohio, USA

Ferromatik Milacron Malterdingen, Germany

Milacron China Jiangyin, China

Ferromatik Milacron Ahmedabad, India
Ferromatik Milacron India

- **LEADING** Plastics Injection Moulding Machine Manufacturer
  - Established in 1995, started Commercial Production in January’1996
  - World-class Technology & Innovation from Milacron LLC, USA
    - Global Leader in Plastics Injection Moulding Machine Manufacturing
  - Serving the Entire Gamut of Plastic Applications
  - PAN India Sales & Service Offices in Major Cities & Industrial Towns
  - Worldwide Presence - Over 40 Countries in SAARC, Middle East & Africa including USA
    - 25% Sales from International Markets

- Manufacturing Facility - 52,000 m² Area
- Employees - 451 Nos.
  - Sales & Service – 126 Nos.
  - Engineering & Design – 43 Nos.
  - Operation – 246 Nos.
  - Others – 36 Nos.

- Capacity – 2,000 Machines Per Annum
- Offers Machine up to 3200 Ton
- Machines Delivered - Over 7500 Nos.
- Sales Value (CY 2012)
  - 4,400 Million INR
A Global Leader & Supplier of Choice

- **Vision**
  Milacron will be a **Global Leader in Industrial Process**, offering products & services so clearly outstanding in terms of Innovation, Quality, Delivery & Value that we are consistently the suppliers of choice.

- **Mission**
  To establish Ferromatik Milacron as a World Class Business Organization comparable to the best in the Plastic Technology Business. To participate in Global Designing, Manufacturing & Sales activities so as to exceed best Industry Standard.

- **DYNAMIC**, and ever adapting to market needs.
- **GROWING**, not only in sales and customer base, but also in the diversity of our product offering for various plastics application segments.
- **GLOBAL**, with an ever increasing presence in markets across the globe.
Modern Manufacturing Facility
Modern Manufacturing Facility
Modern Manufacturing Facility
Modern Manufacturing Facility

Assembly & Run-off

- Manufacturing & Process Excellence through Cellular Manufacturing Techniques which helps in
  - Cell Manufacturing Concept – Injection, Clamp, Hydraulics & Electrical + Electronics
  - Synchronous Material Feeding
  - Flexibility for Customization
  - Reduction in Floor Time
- ERP for Enhanced Business Productivity
Modern Manufacturing Facility

Paint Shop
- Pressurized Grit Blasting Room
- Pressurized Wet Paint Booths
- Pressurized Solvent Extraction System
- PNG fired Paint Baking Ovens

..Complying with current environmental regulations as per ISO 14001:2004

Heat Treatment Shop
In-house Gas Nitriding Shop ensures Superior Quality Surface Hardening of:
- Barrels
- Feed Screws
- Tip Seat Valves
Efficient & High-Performance Operations

Machine Shop

- Dedicated Cells - Platen Machining, Manifold & Turn Parts
- Equipped with Advance Technology, state-of-the-art Machineries viz.:
  - High Speed Machining Centers - Mazak & Mori Seiki
  - Boring Machines, Vertical Milling Machines
  - Cylindrical Grinders, Surface Grinders
  - Radial Drilling, Vertical Honing Machines
  - Turning Centers

In House Manufacturing of Critical Components viz.:
- Valve Mounting Blocks (Hydraulic Manifold)
- End Caps of Cylinders

Benefits
- Consistent Quality Components
- Controlled Manufacturing Conditions
Modern Designing Facility

Engineering & Software Development

- Advance Computer Simulations viz.:
  - Finite Element Analysis (FEA)
  - Stress & Impact Load Analysis
Accreditations

- ISO 9001:2008
- ISO 14001:2004
  Adhering to World Class Quality Standards

- Export House Status
  Serving over 40 Countries across the World including USA
Energy Efficient Platforms

- All Electric Injection Moulding Machines up to 550 T
  - ELEKTRON Series
- Servo Powered IMMs
  - Magna T Servo
  - Omega Servo
  - Hydron Servo
  - Maxima Servo
  - Application Specific IMMs
- Electronically Controlled Variable Pump
  - Magna T
  - Maxima
- Multiple Pumps with PQ Circuits & AC Drive
  - Omega Series
Value Added Services

- Machine Selection & Sizing
- Auxiliary & Utility Selection
- Project Guidance
- Training
  - In-Plant Training
  - Field Training
  - Seminar
- Dedicated Spare Support & Retrofit Solutions
Value Propositions

- Superior Technology
- Precision & Reliability
- Low Operating Cost
- Prompt After Sales Service
SALES & SUPPORT NETWORK
Sales & Support Network

- Sales & Service Network across Major Cities & Industrial Towns in India
- Decentralized Customer Service
  - Technically Equipped Service Personnel at various Centers with Spares
  - Central Spare Stock in Ahmedabad
- Support & Agents in Several Countries
PLASTICS APPLICATIONS
Plastics Applications

Serving the Entire Gamut of Plastics Applications

- Automotive
- House Ware
- Furniture
- Packaging
- Medical
- White Goods
- Electrical, Electronics & Telecommunication
- Consumer Goods & Industrial Components
- Construction

And many more ...
SALES TREND
Domestic Sales – Over 5800 Machines

Pan India Presence & Sales Spread
International Sales – Over 1700 Machines

International Presence & Sales Spread

South Central Africa
- Mozambique
- DR Congo
- Angola
- Botswana
- Malawi
- Zambia
- Zimbabwe
- Namibia
- Madagascar

East Africa
- Kenya
- Tanzania
- Uganda
- Ethiopia
- Sudan
- Egypt
- Algeria
- Morocco
- Rwanda
- Burundi
- Eritrea

West Africa
- Nigeria
- Ghana
- Ivory Coast
- Senegal
- Togo
- Mali
- Liberia
- Sierra Leone
- Cameroon
- Burkina Faso
- Benin

Middle East
- UAE
- Oman
- Saudi Arabia
- Kuwait
- Yemen
- Sudan
- South Africa
- Guinea
- Israel

Russia

RoW
- Argentina
- Australia
- Brazil
- Indonesia
- Malaysia
- Philippines
- Singapore
- South Africa
- USA
- Venezuela

SAARC
- Bangladesh
- Sri Lanka
- Nepal
- Myanmar
Product Launch History

- **1995**: Joint Venture
- **1995**: Sigma
- **1997**: Magna
- **1999**: Omega
- **2000**: Delta Toggle “Close Loop”
- **2004**: Maxima
- **2005**: Elektron
- **2006**: Hydron
- **2006**: Magna T
- **2009**: Servo Machine (Hydron, Omega, Magna T, etc.)
- **2011**: Maxima 2500 T (Large Tonnage)
- **2012**: Maxima Servo 3200 T (Large Tonnage)
- **2012**: Nova Servo
- **2012**: ELEKTRON 550 T
Hydraulic Injection Moulding Machine
100 to 910 T

- High Energy Savings
- Generous Specifications
- Robust & Reliable
- User Friendly Control

Toggle Injection Moulding Machine
110 to 500 T

- Ultimate Energy Saver
- Precise & Consistent
- Rugged & Reliable
- Versatile & User Friendly
Two Platen Injection Moulding Machine 500 to 3200 T

- Energy Efficient
- Fast & Reliable
- Large Tie Bar Spacing & Daylight
- Precise, Accurate & Truly Closed Loop

All Electric Injection Moulding Machine The Green Machine - 50 to 550 T

- Fast & Precise
- Clean & Quiet
- Energy Efficient
- Environment Friendly
Toggle Injection Moulding Machine
50 to 200 T
- Energy Efficient
- Compact Food Print
- High Repeatability & Precision
- Generous Specifications & Features
- Wide Combination of Injection Unit with Clamp

Hydraulic Injection Moulding Machine
100 to 450 T
- High Productivity
- Precision & Consistency
- Energy Efficiency
- Robust Construction
Toggle Injection Moulding Machine 110 to 500 T

- High Speed & Precise
- Rugged & Reliable
- Energy Efficient
- Versatile & User Friendly

Hydraulic Injection Moulding Machine 100 to 450 T

- High Speed & Precise
- Rugged & Reliable
- Energy Efficient
- Versatile & User Friendly
PET SERIES

Dedicated PET LINE Injection Moulding Machine
(Solutions up to 72 Cavity)

- High Productivity
- Energy Efficient
- Precision & Consistency
- User Friendly

PVC LINE SERVO

Dedicated PVC Machine
Hydraulic Injection Moulding Machine
100 to 910 T

- New Standard in PVC Moulding
- High Productivity
- Energy Efficient
- Robust & Reliable

The New Standard in PVC Moulding
CPVC LINE SERVO

Dedicated CPVC Machine
Toggle Injection Moulding Machine
110 to 500 T

- New Standard in CPVC Moulding
- High Productivity
- Energy Efficient
- Robust & Reliable

Three Colour Injection Moulding Machine - 150 to 550 T

- Special Screw for Fast Colour Change
- Precise Design & Pattern Formation
- Multi-sequence Setting
- Auxiliary Unit Material fed at the Nozzle
Two Colour Injection Moulding Machine 450 to 910 T
- Special Screw for Fast Colour Change
- Precise Design & Pattern Formation
- Multi-sequence Setting
- Auxiliary Unit Material fed at the Nozzle

20 Ltr Bubble Top Preform Injection Moulding Machine 250 to 450 T
- Dedicated PET Preform Machine
- High Productivity
- Energy Efficient
- Robust & Reliable
REFERENCES
Customers

Abstract
Customers

Abstract

HBL Power Systems Ltd

And Many More...
Ferromatik Milacron India Pvt. Ltd.

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