Technology Arrangement	
Joint Venture	Licence to manufacturing
Marketing	

Possible Export Potential	
United States of America	Europe

GROUP BUSINESS

TEDO

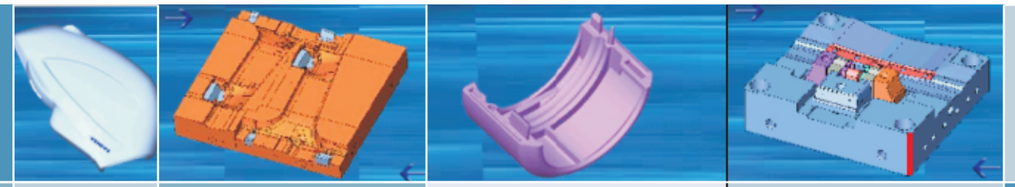
Technology Export Development Organisation

Plot No. 249 F, Sector 18, Udyog Vihar, Phase-IV

Gurgaon 122015 (Haryana)

Tel: 91-124-4014075 (D), 4014060-67, Fax: 91-124-4014080

• E-mail : info@techbizindia.com • Website : www.techbizindia.com



Estb. : 1998

ISO : 9001

BPL Engineering Plastics and Design Solutions

BPL is a leading manufacturer of plastic injection Moulds, Moulded Components. Low cost automation parts, conveyors, Jigs & Fixtures and special purpose machines.

Applications

- Automotive
- Consumer Electronics
- Health Care
- Home Appliances
- Machine Tool
- Professional Products
- Telecom

Installed Capacity of Major Products & Services

- 15 Large Moulds Per Annum
- Medium Moulds Per Annum
- 50 Small Moulds Per Annum
- 225 Tons of Plastic Injection Moulding Components

Major Achievements

- Supplied tools for 33 Parts for Innova Toyota and also to Toyota
- Supplied Tools for New Model Bajaj Scooter
- Supplied Tools for Honda City Model for Honda Company

Strengths

- Strategic design
- Conceptualization and Industrial design
- Mechanical design and documentation
- Mockups and prototypes
- Product sustenance
- Product development
- Tooling development and Component evaluation
- Product Realization experience (400 plus products).

PRODUCTS AND SERVICES

Industrial Design

- Need Analysis and Lifestyle Studies
- Form and Aesthetics
- Concepts and Rendering
- Surfacing
- Mock Up and Prototype Making Graphics, Packaging and Branding

Product Engineering

- Part and Assembly Design in 3D
- Technical Surfacing
- Detailing
- Design Support
- Reverse Engineering

Analysis

- Finite Element Analysis
- Plastic Flow Analysis
- Thermal Analysis

Tooling, Jigs & Fixtures

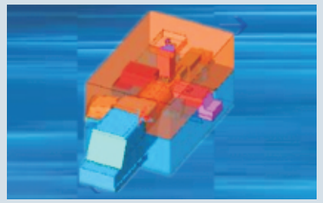
- Injection Molding Tools
- Press Tool Development

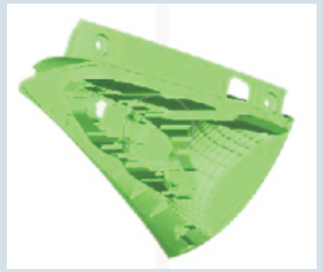
Legacy Data Migration

Conversion of 2D to 3D models

Design Maintenance

Engineering / Process Documentation





Major Customers

Automotive

Toyota kirloskar Motors Ltd.	Denso Kirloskar
Ford India Ltd.	Honda Siel Cars
India Japan Lighting	Lumax Samlip Industries
Mahindra & Mahindra	Motherson Automotive
Maruti Udyog Ltd.	Visteon India
Tata Motors	TVS Motors

Home Appliances / Machine Tool

Home Appliances	Machine Tool
Electrolux GMBH	DMG GMBH
Electrolux Kelvinator	BPL
Mico Bosch	

Consumer Electronics

BPL	Thomson Multimedia
Crompton Greaves	Sony
Philips	Barco

Health Care

AMDL	BPL
GE Medicals	Geneva Fine Punch
GE Thermometrics	Larson & Toubro

Professional Products

APC	GE Power Controls
Sasken	Wipro e Peripherals
Wipro	Opto Circuit, Singapore
Bell & Howell, USA	Genicom, USA
Interlink Electronics	USA
Square Deal Tech, USA	Symbol Technologies, USA

Infrastructure

Manufacturing Locations

3 manufacturing locations in Bangalore (Karnataka) & Palakkad (Kerala)

Manpower

BPL employs 138 Technical Manpower

Design

Latest Software

Pro-Engineer	I-DEAS Master Series
CATIA	Unigraphics
SolidWorks	Euclid
AutoCAD	ANSYS / NASTRAN
MOLDFLOW	Cimatron

Major Tool Room Machineries

- Horizontal Milling Machining Centres
- Vertical Milling Machining Centres
- CNC Graphite Milling Machine
- Wire EDM
- Conventional EDM
- CNC EDM
- General Purpose Machines
- Tool cutters & Grinders
- Surface Grinders
- Milling Machines
- Central Lathe Machines
- Power Hacksaw Machines
- Bench Drilling Machines
- Welding Machines
- Sand Blastings
- Electropneumatic Die Spotting Press of 15Tons
- Pick and Place Robots
- Centralized material handling and feeding system

Inspection and Testing

- 3D Co-ordinate Measuring Machine
- Profile Projector
- Other complete range of inspection & testing equipments

Financial

Turnover

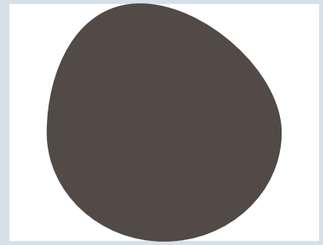
Year	Turnover (Million Rs.)
2002-2003	165
2003-2004	185
2004-2005	251

Exports

Year	Exports (In Lacs)
2004-2005	177

Form of Export

Direct Export

Consultancy

For Mould Flow Analysis for Plexion and Schneider