COMPANY PROFILE

Roop Polymers Ltd.
Striving towards success through Innovation

Rubber and Rubber to Metal Bonded
Co-Extruded
Plastic Injection Moulded

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TABLE OF CONTENTS

1. About Us
2. Our Products and Markets
3. Our Customers
4. Our Infrastructure
5. Quality and Certifications
6. Our Partners and Export Business
7. Why Us
ABOUT US:

Roop Polymers Ltd. (RPL) is a part of $60 Million Roop Group. Roop Group was established in 1973 in the Industrial hub of Gurgaon (Near Delhi) by Late Mr. MG Jain to manufacture moulded Automotive Rubber products. The group today boasts of having 9 Manufacturing Plants with total employee strength of more than 3000 people. The business interests of the Group lie in Automotive Rubber Products, Automotive Foam Products, Automotive Machined Products and Solar Products.

Roop Polymers Ltd. is the flagship company of Roop Group with a total turnover of $38 Million (Rs. 170 Cr.) in FY 2010-11. With over 35 years of rich experience in the automotive industry, RPL today is a world class manufacturer of Rubber to Metal Bonded, Moulded and Extruded Rubber & Plastic parts for Automotive OEM around the globe. To further strengthen its product offering, RPL has recently signed a 50:50 Joint Venture with a reputed Germany company called Wilhelm Köpp Zellkautschuk GmbH & Co., to manufacture Cellular Foam products in India.

With Corporate Office in IMT Manesar, RPL operates out of 6 state of the art manufacturing facilities which are strategically located near the OEM customer base in Gurgaon, Sohna & IMT Manesar in Haryana and Pantnagar in Uttranchal. Recognising the demand for its products, RPL is also establishing manufacturing facilities in Pune and Chennai to allow itself to cater to the OEMs across Indian.
OUR PRODUCTS:

We offer a one stop engineering solution to our customers in Rubber and Plastic Products:

**Rubber Products**
- Rubber to Metal Bonded
- Molded
- Co-Extruded (with/without Metal Inserts)
- Single and Twin Layer Fuel Tubes Assemblies

**Plastic Products**
- Injection Molded with/without metal inserts
- Soft PVC Injection Molded
- Injection Molded and Painted
- PVC Extruded

With this extensive Product Portfolio, we serve the following Market Segments:

**4 Wheelers (Cars)**
- Bellows
- Air/Oil Intake Hoses
- Wire Harness Grommets
- Dip Sticks
- Dust Covers
- Boots
- Dynamic Dampers
- Silent Block Bushes
- O-Rings
- Gaskets
- Windshield Dams
- Hood/Bonnet Seals
- Painted Mudguards

**2 Wheelers (Bikes and Scooters)**
- Handle Bar Grips
- Guide Chains
- Silent Block Bushes
- Insulator for Carburettors
- Suspension Bushes
- Foot Rests
- Bellows
- Air Ducts
- Fuel Tubes
- O Rings
- Screen Oil Filters
- Plastic Cylinder Head Covers
- Gaskets
- Chain Sliders

**Commercial Vehicles (Trucks and 3 Wheelers)**
- Bellows
- Gear Knobs
- O Rings
- Dampers
- Grommets
- Dust Covers
- Fuel Tubes
- Customized Plastic Parts
OUR CUSTOMERS:

Over past 35 years, we have been serving world renowned automotive industry leaders across the globe. We have a dedicated team of professionals who support our customers 24 x 7 with a single objective in mind - Total Customer Satisfaction. Some of our Customers are:

![Customer Logos]

Our customers have in turn recognised our dedication and commitment towards them which is reflected in the numerous industry award won by us:

<table>
<thead>
<tr>
<th>Year</th>
<th>Awards and Recognitions</th>
<th>Customer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1994-95</td>
<td>Best Vendor performance award</td>
<td>Maruti Udyog Ltd.</td>
</tr>
<tr>
<td>1998-00</td>
<td>Best Performing Vendor For Quality</td>
<td>Honda Siel Cars India Ltd.</td>
</tr>
<tr>
<td>2001-2003</td>
<td>Best Performing Vendor</td>
<td>Honda Siel Cars India Ltd.</td>
</tr>
<tr>
<td>2003-04</td>
<td>Quality, Cost &amp; Delivery Award</td>
<td>Honda Siel Cars India Ltd.</td>
</tr>
<tr>
<td>2003-04</td>
<td>Single Digit PPM In Quality</td>
<td>Visteon Climate Control System</td>
</tr>
<tr>
<td>2005-06</td>
<td>DOL Award</td>
<td>Hero Honda Motors Ltd.</td>
</tr>
<tr>
<td>2005-06</td>
<td>Quality &amp; Delivery Award</td>
<td>Honda Motorcycle &amp; Scooter India (P) Ltd.</td>
</tr>
<tr>
<td>2006-07</td>
<td>SS Silver Award</td>
<td>Honda Siel Car India Supplier Club</td>
</tr>
<tr>
<td>2007-08</td>
<td>Certification of Appreciation for Spare parts (Q C D)</td>
<td>Honda Siel Cars India Ltd.</td>
</tr>
<tr>
<td>2008-09</td>
<td>0 PPM Quality award</td>
<td>Bajaj Auto Ltd.</td>
</tr>
<tr>
<td>2009-10</td>
<td>Best Supplier (Performance Excellence) in Plastic &amp; Rubber Category</td>
<td>Honda Motorcycle &amp; Scooter India (P) Ltd.</td>
</tr>
<tr>
<td>2009-10</td>
<td>Quality Silver Award for maintaining &lt;100 PPM level for 1 year</td>
<td>Bajaj Auto Ltd.</td>
</tr>
<tr>
<td>2009-10</td>
<td>BAL TPM Award</td>
<td>Bajaj Auto Ltd.</td>
</tr>
<tr>
<td>2010-11</td>
<td>Certification of Appreciation for speedy response and consistency in quality and Delivery</td>
<td>Honda Siel Power Products</td>
</tr>
<tr>
<td>2010-11</td>
<td>Quality Gold Award for maintaining &lt;100 PPM level for 2 years</td>
<td>Bajaj Auto Ltd.</td>
</tr>
</tbody>
</table>
OUR INFRASTRUCTURE

We at Roop have made significant infrastructural investments over the years to equip our self with the latest technology machines and manufacturing techniques keeping in view our objectives of Productivity, Quality, Cost, Delivery (PQCD). Our extensive infrastructure includes:

TOOL ROOM AND DESIGN
We have a centralized Tool room and Design section to Design and Manufacture our moulds in house to very strict tolerances and achieve excellent tool life. Besides all conventional equipment, the facility is equipped with:

- CNC Wire Cut
- CNC Vertical Machining Centers
- CNC EDM
- CNC Turning Centers,
  And software like
- CATIA V5 R17
- UG NX5
- IDEAS 9

TESTING FACILITIES
RPL has state of the art, environmentally controlled testing labs in all the plants well equipped with instruments, gauges and test equipment to analyze any rubber product, process and material. Besides all the conventional machines, the lab is equipped with:

- Rheometer
- Viscometer
- Spectrometer- Hazardous material testing
- Micro Hardness Tester
- Universal Testing machines
- Dynamic/Static Vibration testing
- Profile projector
- Ozone Chamber
- Cold Chamber
- Heating Oven
- Muffle Furnace
- Pull/Push Tester
- Plastic product Leak testing

RUBBER MIXING
We have an ultra modern centralized rubber compounding setup integrated with a high-tech automated intermix system with facilities for semi-automatic chemical weighing, auto oil and carbon dispersion and batch off unit.

- We also possess a unique capability to design the rubber compounds in our in house R&D centre following any international standard like ASTM, JIS, BIS or any customer specific standard.
- The combination of robust production systems and a passion for quality in the plant ensures consistency in the compound properties, optimal productivity and gives us annual mixing capacity of 12000 tons of high quality rubber compound.
- The plant is capable of processing all grades of rubber like NR, SBR, EPDM, CR, CSM, NBR, PVC-NBR, ACM, AEM, HNBR, Viton etc.
RUBBER MOULDING
We possess a vast infrastructure for Injection Moulding, Compression/Transfer Moulding and Vacuum Compression Moulding Machines.
- Injection Moulding - 45 Advanced Microprocessor controlled Desma Injection Moulding Machines of up to 400 Tones
- Compression/Transfer Moulding Machines - 150 PLC controlled Hydraulic Compression Moulding Machines of upto 250 Tones
- Vacuum Compression Moulding Machines - 40 PLC controlled Hydraulic Vacuum Compression Moulding Machines of up to 250 Tones.

DEFLASHING
For seamless finishing of small but critical parts like O-rings, we have deployed 3 world renowned Japanese Cryogenic Deflashing machines in-house.

PLASTIC INJECTION MOULDING & PAINT SHOP
We possess a modern Plastic Injection Molding setup with more than 28 machines ranging from 90 to 220 tones.
Plastic Injection Moulding setups in two different plants are supported by 2 different paint shops setup dedicatedly for captive usage. The paint shop at IMT Manesar plant has the capability to paint both plastic as well as metal parts.

EXTRUSTION
Our Rubber Extrusion facility holds the capability to manufacture:
- Co-extruded weather strips with and without metal insert
- Single and Dual Layer fuel tubes

We host 4 state of the art weather stripping lines Glass beads curing system and microwave hot air curing system with flocking. These lines are supported with secondary operation facilities like Slicing, Cutting, Printing, Taping, Notching, Punching, Drilling etc.

In the fuel tube section, the 3 extrusion lines supported by various secondary operations has the competence manufacture the most complicated single & twin layer fuel tubes in all shapes and sizes.
QUALITY CERTIFICATIONS

We understand that the reputation of our customers depends upon the quality of our products. Therefore all our plants have the required quality certifications along with the systems in place to ensure that we provide the right quality product to our customers at optimum cost.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Certification Provider</th>
<th>TS-16949</th>
<th>ISO-14001</th>
<th>OHSAS 18001</th>
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</thead>
<tbody>
<tr>
<td>RPL, Gurgaon</td>
<td>AIB-Vincotte Int. Ltd, Belgium</td>
<td>93711</td>
<td>09 EMS 357</td>
<td>-</td>
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<tr>
<td>RPL, Sohna</td>
<td>Perry Johnson Registrars Inc. (PJR)</td>
<td>C2008-01861</td>
<td>5778</td>
<td>-</td>
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<tr>
<td>RPL, IMT Manesar</td>
<td>AIB-Vincotte Int. Ltd, Belgium</td>
<td>93661</td>
<td>11 EMS 483</td>
<td>-</td>
</tr>
<tr>
<td>RPL, Pantnagar</td>
<td>AIB-Vincotte Int. Ltd, Belgium</td>
<td>09 3914</td>
<td>11 EMS 478</td>
<td>11 SMS 115</td>
</tr>
</tbody>
</table>
OUR PARTNERS AND EXPORT BUSINESS

We at Roop Polymers rigorously pursue a double bottom line objective of Profitability and Development. We continuously look to forge strong business relationship with other organizations around the globe which share similar objectives. We have made significant advances in this area by forging:

- A Strategic Alliance with pioneers in the field of Polymer Technology- Mantaline Corporation, USA

Our Products are exported to more than 10 countries around the globe. We have also appointed our Sales and Technical Representatives in USA and Europe for seamless customer support.

WHY US

- More than 35 years of experience in Auto Rubber & Plastic parts manufacturing.
- A complete range of Rubber and Plastic Processing Technologies including Rubber and Plastic Injection Moulding, Rubber Compression Moulding, Transfer Moulding and Extrusion processes
- One Stop Shop Engineering Solution for Rubber and Plastic Auto Parts
- 6 State of the art manufacturing facilities having more than 30,000 sq. Mt. Covered area
- All tooling manufactured in-house in the centralized tool room which is equipped with the most modern machinery available today.
- Centralized compounding facility for unparallel economy and quality
- Complete range of testing facilities available in house.
- A well experienced product development team with deep understanding of the most intricate products and processes
- Single Window Contact point for all our customers with 24x7 availability for Customer Support
CONTACT US

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