

Automotive Delegation to Michigan / January 2009



COMPANY PROFILE

1. Company name: DITRON PRECISION LTD. (formerly DEUTSCH DAGAN LTD)

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4. Contact person :  
Name : PATRICE ZAMOR  
Position: VP SALES & MARKETING  
E-Mail: patrice@ditronprecision.com  
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5. Participating Persons  
Name: PATRICE ZAMOR  
Position: VP  
Responsibility: BUSINESS DEVELOPMENT AND SALES & MARKETING  
E-Mail: patrice@ditronprecision.com  
Telephone: 972-52-4228700  
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5. Legal form: PRIVATE OWNERSHIP

6. Main company / Subsidiary company:

7. Year of Foundation: 1968

8. Number of local employees approx. 130

9. Turnover in 2008 approx. (Millions \$ US): \$ 14,000,000

10. Share of foreign turnover in %: 100%

11. Share of turnover in Automotive component sector in %: 95%

12. Suppliers tier and customers:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Direct supplier to car manufacturer | <input type="checkbox"/> System integrator (Tier 0.5)                |
| <input type="checkbox"/> Sub-supplier                                   | <input checked="" type="checkbox"/> Module supplier (Tier 1)         |
| <input type="checkbox"/> Supplier of manufacturing Equipment            | <input checked="" type="checkbox"/> System supplier (Tier 2)         |
| <input type="checkbox"/> Service provider                               | <input type="checkbox"/> Component supplier (Tier 3)                 |
| <input type="checkbox"/> Other  | <input type="checkbox"/> Supplier of semi-finished products (Tier 4) |

Important customers: GM, DELPHI, ROBERT BOSCH, DETROIT DIESEL CORP.,  
INTERNATIONAL TRUCK & ENGINE, LINAMAR, WELLES,  
IXETIC GMBH.

**13. Fields of activities:**

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Big scale production | <input type="checkbox"/> Prototyping             | <input type="checkbox"/> Tooling                |
| <input type="checkbox"/> Small scale production          | <input type="checkbox"/> Manufacturing Equipment | <input checked="" type="checkbox"/> Development |
| <input type="checkbox"/> Consulting                      | <input type="checkbox"/> Engineering             | <input type="checkbox"/> Logistics              |

Other

**14. Standards and Certificates:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> ISO 9000 ff / QS 9000 ff | <input checked="" type="checkbox"/> ISO TS 16949 |
|--|--|

VDA 6.1

Other:

**15. Cooperation:**

licences: NONE

Joint Ventures: NONE

**16. Machinery and equipment: SEE ATTACHED**

Type and origin:

Age:

**Brief description of your products and services:**

Ditron Precision Ltd. designs and produces high precision-machined components for the automotive industry. Ditron Precision owns and operates out of a 6,000 sq. meter state of the art facility. Our product lines include: transmission systems, gasoline and diesel injectors, thermal climate components, hydraulic pistons, electrical contacts and engine adjusting screws.

Our plant is fully climate controlled in order to maintain tolerances of 2 microns and we are in full compliance with the stringent international quality standards enabling us to maintain the highest quality and reliability in all our products.

Our experienced engineering department offers full design and product development services using advanced engineering tools and software. We are approved to the standards: ISO/TS 16949, ISO 9001 and QS 9000.

Our machine park is comprised of the most modern and versatile machines in the world. Over the last 5 years we have invested substantially in state of the art CNC machines, single spindle, multi-spindle and Swiss type automatic screw machines. Our technology and know-how includes: turning, milling, grinding, heat treatment/induction, polishing, honing, ECM (electro chemical machining) and automatic assembly. We also have EDI capabilities for the secure transfer and communication of data.

We maintain warehouses in Detroit, MI the US and in Germany to ensure timely and flexible deliveries.

In the more than 30 years of our operation, our objective has been to consistently provide the highest level of professionalism in automotive manufacturing and development. We are committed to deliveries of the highest quality products in a reliable and timely fashion while adhering to our customer's specifications.

# QUESTIONNAIRE

## **Co-operation interests** (Please tick and supplement if necessary)

### **Type of co-operation** (Please tick and supplement if necessary)

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/>                |  | <input type="checkbox"/> Manufacturing service |
| <input type="checkbox"/> Know-how exchange         |  | <input checked="" type="checkbox"/>            |
| <input type="checkbox"/> Sales                     |  | <input type="checkbox"/> Financing             |
| <input type="checkbox"/> Purchase                  |  | <input checked="" type="checkbox"/>            |
| <input type="checkbox"/> Sales and service partner |  |  |
| <input type="checkbox"/> Other:                    |  |  |

### **Brief description of co-operation interest**

### **Technological interests** (Please tick and supplement if necessary)

- |  |   |
|--|---|
| <input type="checkbox"/> Electronics   | <input checked="" type="checkbox"/> Drivetrain              |
| <input type="checkbox"/> Power unit & aggregates                                 | <input type="checkbox"/> Chassis                            |
| <input checked="" type="checkbox"/> Car frame (wheels,suspension,brake,steering) | <input type="checkbox"/> Coatings                           |
| <input type="checkbox"/> Car body (exterior)                                     | <input checked="" type="checkbox"/> <b>Materials</b>        |
| <input type="checkbox"/> Interior  | <input checked="" type="checkbox"/> <b>New technologies</b> |
| <input checked="" type="checkbox"/> Other: FUEL HANDLING SYSTEMS                 |   |

# Machinery List

## Multi-Spindle Dept.

- 7 Gilchmeister AS-32
- 1 Gilchmeister AS-48
- 1 Gilchmeister AS-12
- 2 Index MS 32 CNC Multi Spindle
- 2 Index C-29
- 1 Index B-60
- 4 Lathe SAY 6/32A
- 2 Lathe Say 6/32S
- 2 Lathe Say 6/32M – 42mm dia.
- 1 Lathe Say 6/42AC-42 mm dia.
- 3 Tornos Multicedo 20/6 CNC
- 2 Transfer Machine – 12 station Bosch

## Swiss Type Auto Screw Mach. Dept.

- 4 Tornos R-10
- 3 Tornos R-125
- 2 Tornos RR-20
- 6 Tornos MS-7
- 1 Tornos Deco 20 CNC
- 2 Transfer Machine (16 stations)
- 1 Tornos Deco 13 CNC
- 1 Presetter - Zoller

## Tool Room

- 1 CNC Lathe - Harrison
- 2 Lathe – Devaliere, Micro Wely
- 3 Milling Machine
- 1 Drilling Machine
- 4 Surface Grinders
- 1 Cylindrical Grinding Machine-Jones
- 1 Wire Cut Machine – 3 Axis CNC
- 4 Universal Tool Grinding Machines

## CNC Department

- 1 Okuma LU-15 M
- 1 Okuma LB-200 W
- 1 Okuma Milling Machine MX-45VAE
- 1 Mazak Milling Machine FH-4000
- 4 Goodway TA-32
- 1 Mill Bridgeport CNC
- 1 Puma 200B
- 5 Mori-Seiki HS-400
- 3 Studer S36 CNC Cylindrical Grinders

## Secondary Machine Dept.

- 7 Cincinnati Centerless Grinding Machine
- 1 Estarta Centerless Grinding Machine
- 3 Norton Grinding Machine
- 4 Surface Grinding Machine
- 5 Induction Machine
- 2 Tornos Lathe
- 1 Extrucelone E.C.M. machine
- 1 Comet Cylindrical Thread Rolling Mach.
- 3 Reed Cylindrical Thread Rolling Mach.
- 1 Transfer Machine (16 stations – Bolzen)
- 1 Transfer Machine ( 8 stations – INA Screw)
- 2 Paragon Centerless Grinders-CNC
- 2 Screw Assembly Machine
- 2 Press Machine
- 3 Air Circulating Oven
- 6 Tumbling Machine
- 2 Sandblasting Machine
- 3 Cleaning Machine
- 1 Durr Universal 81C Cleaning Machine
- 1 Royal Master CNC Centerless Grinder
- 1 Studer S21 Lean CNC Cylindrical Grinder
- 1 Mill SOS TOS CNC



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