

Delphi TVS Plant Locations

- ◆ **PLANT 1 - 1990**
Mannur
 - Rotary FIE **Capacity – 325k**
 - Mechanical Unit FIE – **150k**

- ◆ **PLANT 2 - 2007**
Uttarakhand - Rotary FIE 175k

- ◆ **PLANT 3 - 2009**
Oragadam
 - CR Pumps **150k**
 - CR Injector **1.2m**
 - CR Rail **- 400k**
 - Filter **- 1.8m**

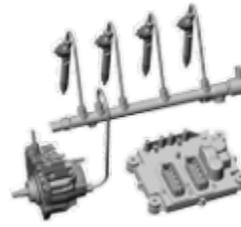


Turnover 2009 – 2010 - Rs. 550cr \$120 m

Product Range & Applications

Heavy Duty Application:

Medium Duty Common Rail System - MDCR



Car/MUV's/SUV's:

Light Duty Common Rail - LDCR

Rotary DPCN Electronic



Small / LTV Applications:

Unit Pump Common Rail System

Mechanical Unit Pump



On/Off Highway:

Rotary DP 210

Rotary STP - 2



Key Customers



Delphi -TVS Technical Centre



- ◆ The Technical Center at Mannur has been setup at an investment of US \$ 10M (Rs. 50 Cr).
- ◆ It has following major facilities:
 - ◆ Currently 150 persons building expertise to manage Euro-5 development
 - ◆ including Expats for Application and Electronics
 - ◆ Chassis Dynamometer with Emissions Testing
 - ◆ Cold Room
 - ◆ CR Engine Test Cell
 - ◆ CR Test Rigs
 - ◆ Transient Dyno

- **Application Development**
 - For BS2, BS3 and BS4
 - Adding capability to carry out Application work for Euro5 and associated Electronics
- **Product Development**
 - New Generation FIE for tractors
 - Low Cost CR system
 - Low cost ECU
- **Validation**
 - System Testing
 - Environmental Testing
 - Accelerated Testing
- **Outdoor Mission Testing**
 - Summer / Winter / Altitude

Delphi - TVS Tech Center Facilities



CR Test Facility



Engine Testing Dynamometer



Chassis Dynamometer Test Cell

Awards and Recognitions

- ◆ **2003** **ACMA Excellence in Technology**

- ◆ **2004** **Frost and Sullivan IMEA Gold Award**
Delphi Global Environmental Award
SAE Environmental Excellence in Transportation

- ◆ **2005** **TPM Excellence Award**
CII Quality Circle Award – Southern Region

- ◆ **2006** **ACMA Gold award for Manufacturing Excellence**
Best Kaizen Award
Delphi Asia Pacific Environmental Award

- ◆ **2007** **CII National Energy Management Award**

- ◆ **2008** **ACMA QC Award – Southern Region**

- ◆ **2009** **CII National Energy Management Award**
CCQCC Excellence Award
NCQC Excellence Awards for TPM,SGA & Poka Yoke

- ◆ **2010** **Innovation Award from Commercial Vehicle**