

Standard Radiators Pvt. Ltd.





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Location

Industrial Estate, Gorwa,
Vadodara, India
400 Kms North West from Mumbai

Manufacturing Area

12,000 Square Meter

Employee Strength

200

Quality Certification

ISO/TS 16949 ISO 9001

Products

Radiators, Oil Coolers,
Air- Air Coolers, Combi Coolers.



Applications

Heat Exchangers for Agricultural, Earthmoving & Construction Equipment

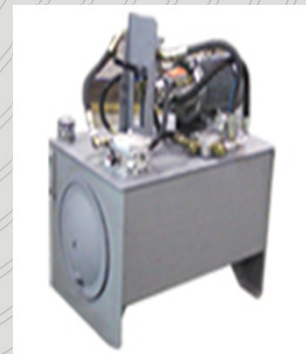
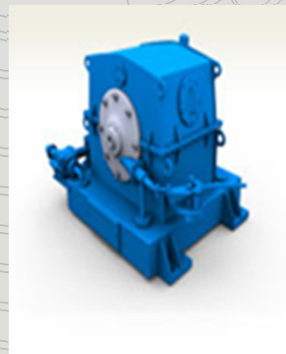
- Farm equipments
- Excavators
- Cranes
- Backhoe Loaders
- Motor Graders
- Soil Compactors
- Concrete Pumps
- Transit Mixers
- Special Purpose Equipment



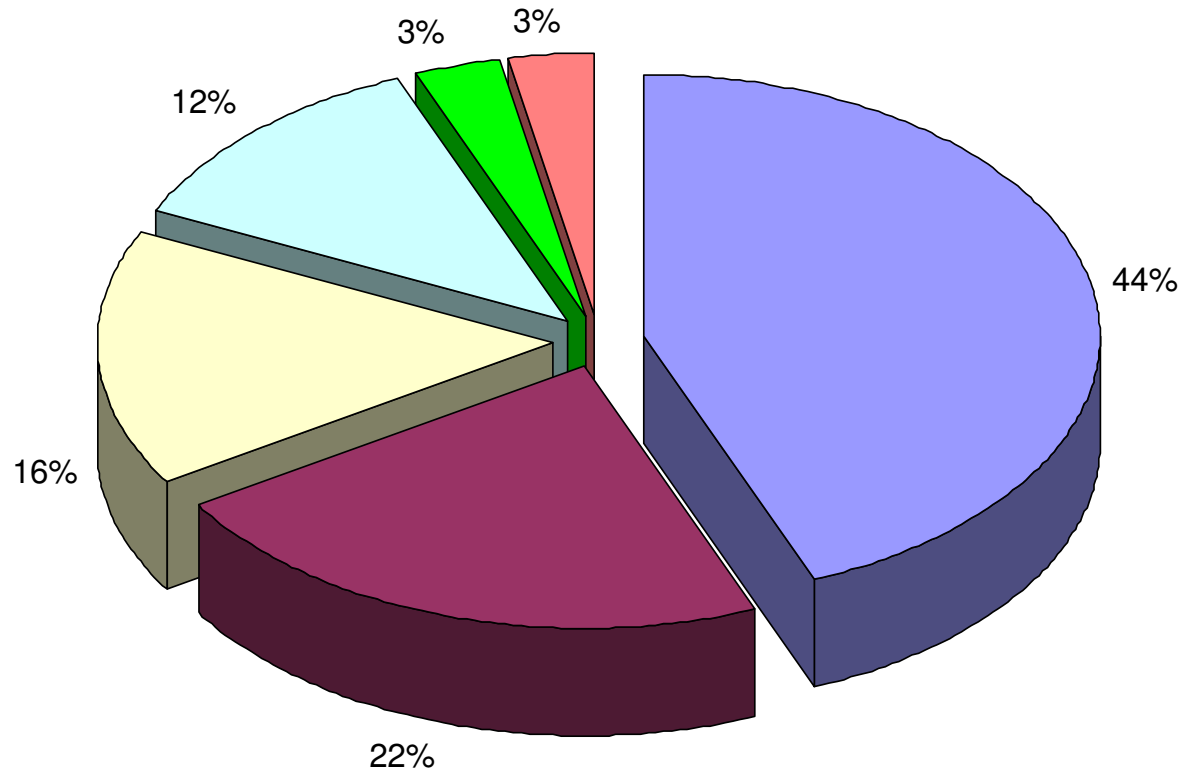
Applications

Air-Oil Coolers for Industrial Applications

- Hydraulic Power Packs
- Hydraulic Systems
- Machine Tools
- Gear Drives
- Fluid Couplings
- Off Road Equipments
- Compressors
- Special Purpose Equipment



Market Segments



■ Agriculture

■ Construction & Earthmoving

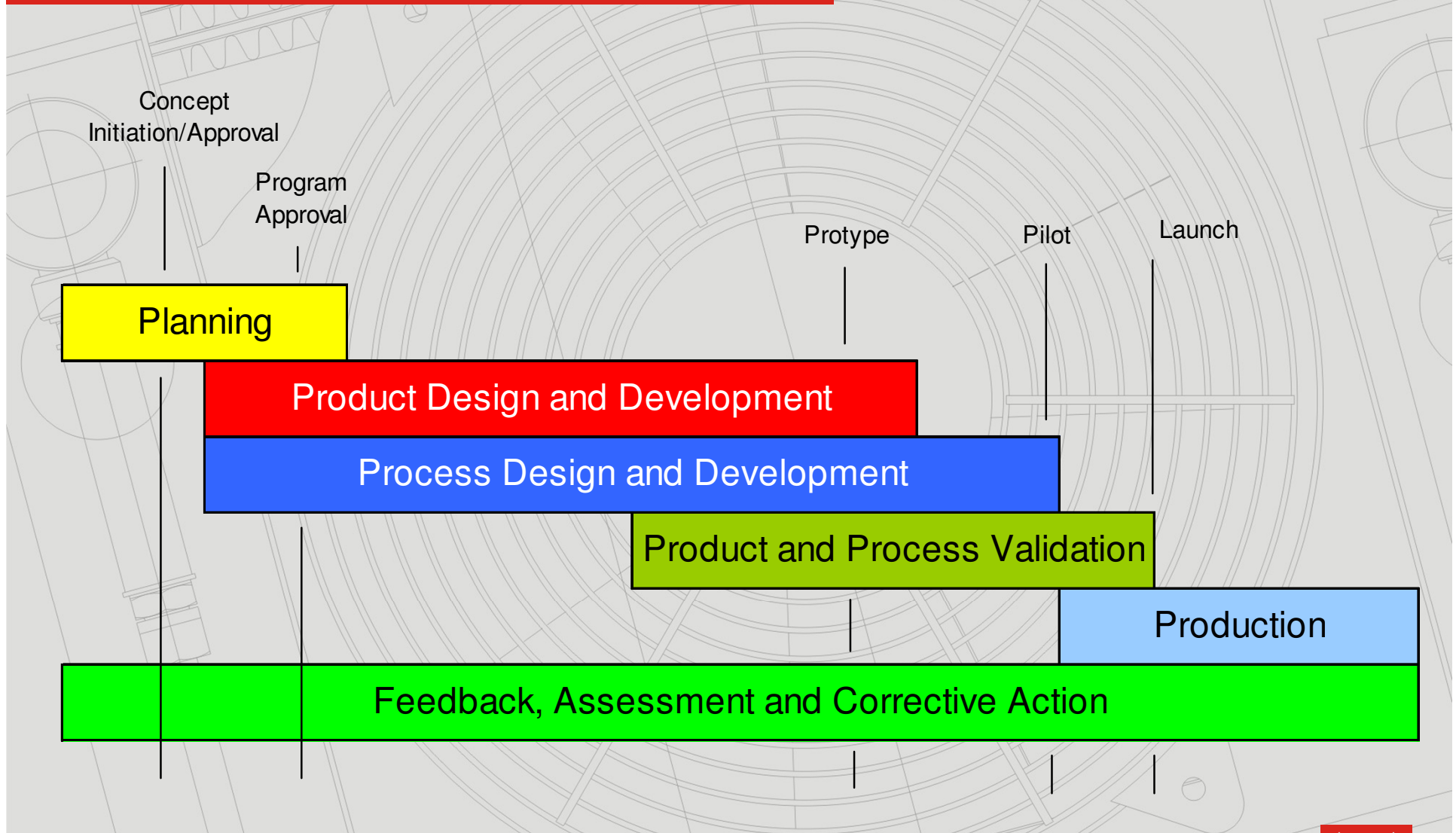
■ Commercial Vehicles

■ Industrial

■ Railways

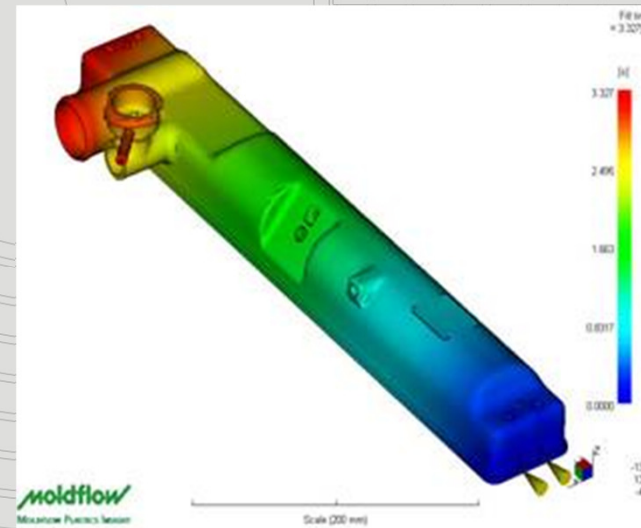
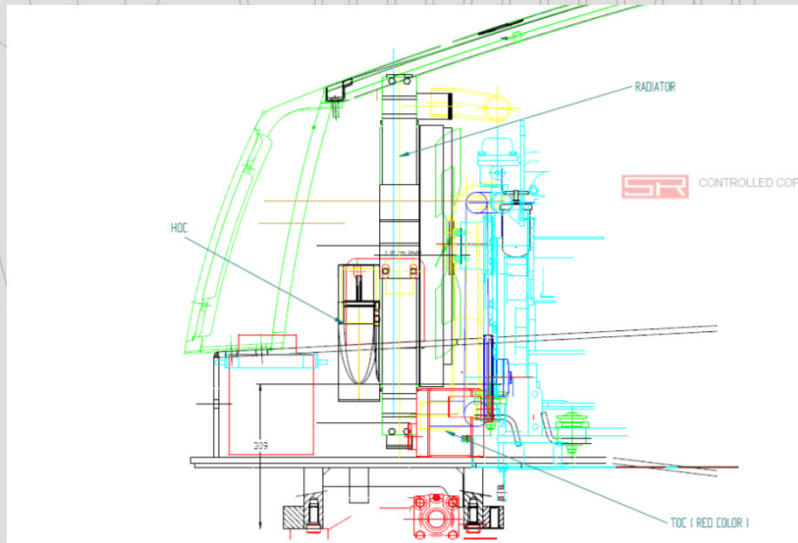
■ Cars & Light Carriers

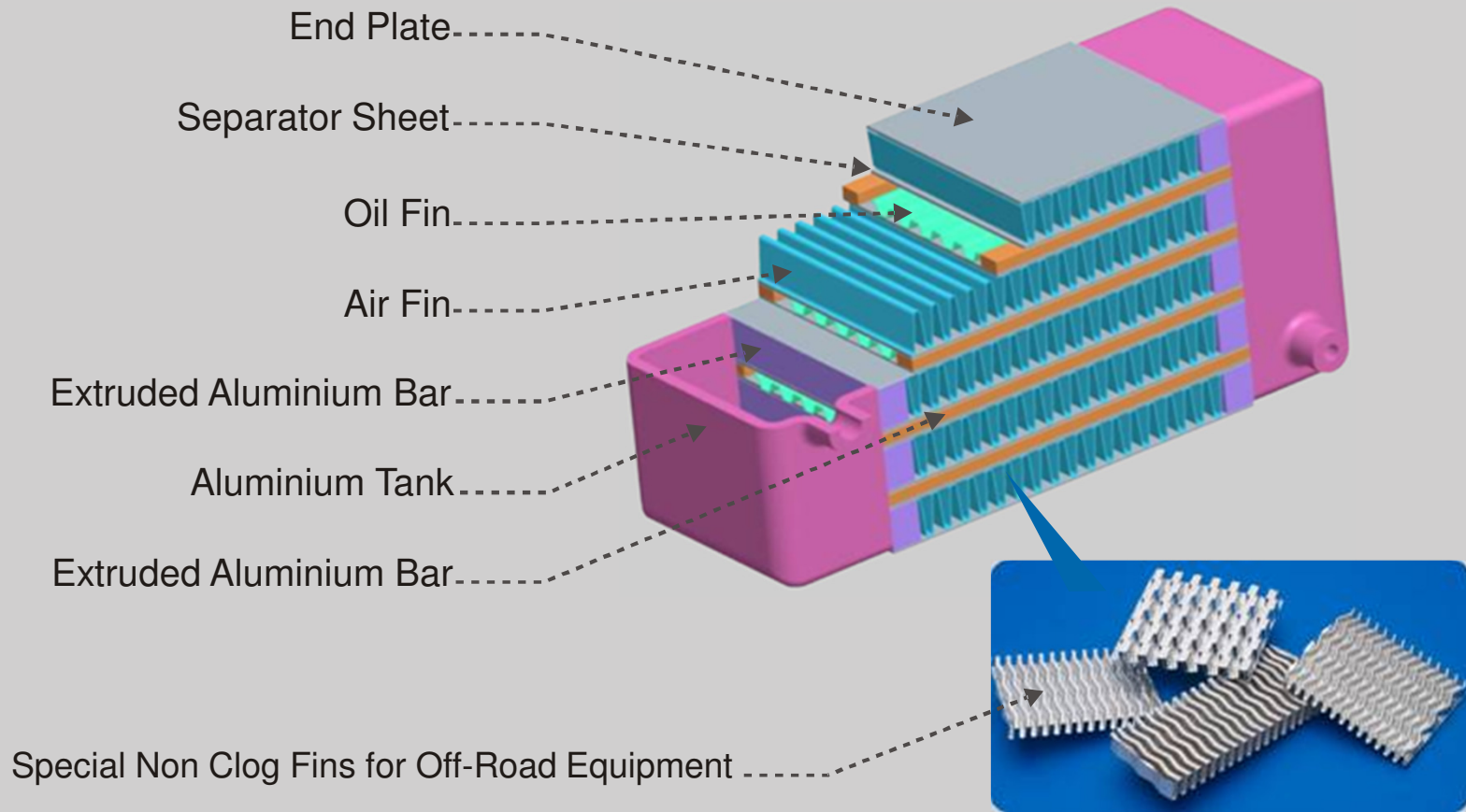
Typical Product Development Cycle



Design for Reliability & structure

- 3D Design Software Pro Engineer With BMX & AAX .
- AutoCAD for 2D designs
- Concurrent Engineering through 2D & 3D Data Exchange with Customers and suppliers.





Product Validation

| Test no | Test Name | Design Verification | Production Validation | In Process Conformance Testing | |
|----------|--|---------------------|-----------------------|--------------------------------|--------------------|
| Test No. | Test Name | Sample size | Sample size | Sample size | Frequency |
| 3.1 | Leak Test | 100 % | 100 % | 100% | |
| 3.2 | Performance/ pressure drop | 5 | 2 | 1 | Once in Six Months |
| 3.3 | Vibration test | --- | 1 | 1 | Once in a year |
| 3.4 | Pressure cycle test | --- | 1 | 1 | Once in a year |
| 3.5 | Proof Pressure | --- | 1 | --- | --- |
| 3.6 | Thermal Cycle | --- | 1 | --- | --- |
| 3.7 | Dimensional assembly test | --- | 5 | 5 | Per batch |
| 3.8 | Visual Inspection | --- | 100 % | 100% | --- |
| 3.9 | Internal cleanliness | --- | 1 | --- | --- |
| 3.10.1.a | External Corrosion - SWAAT | | 1 | | |
| 3.10.2.b | External corrosion – Neutral Salt spray | | 1 | | |



Customers





Thank you

