

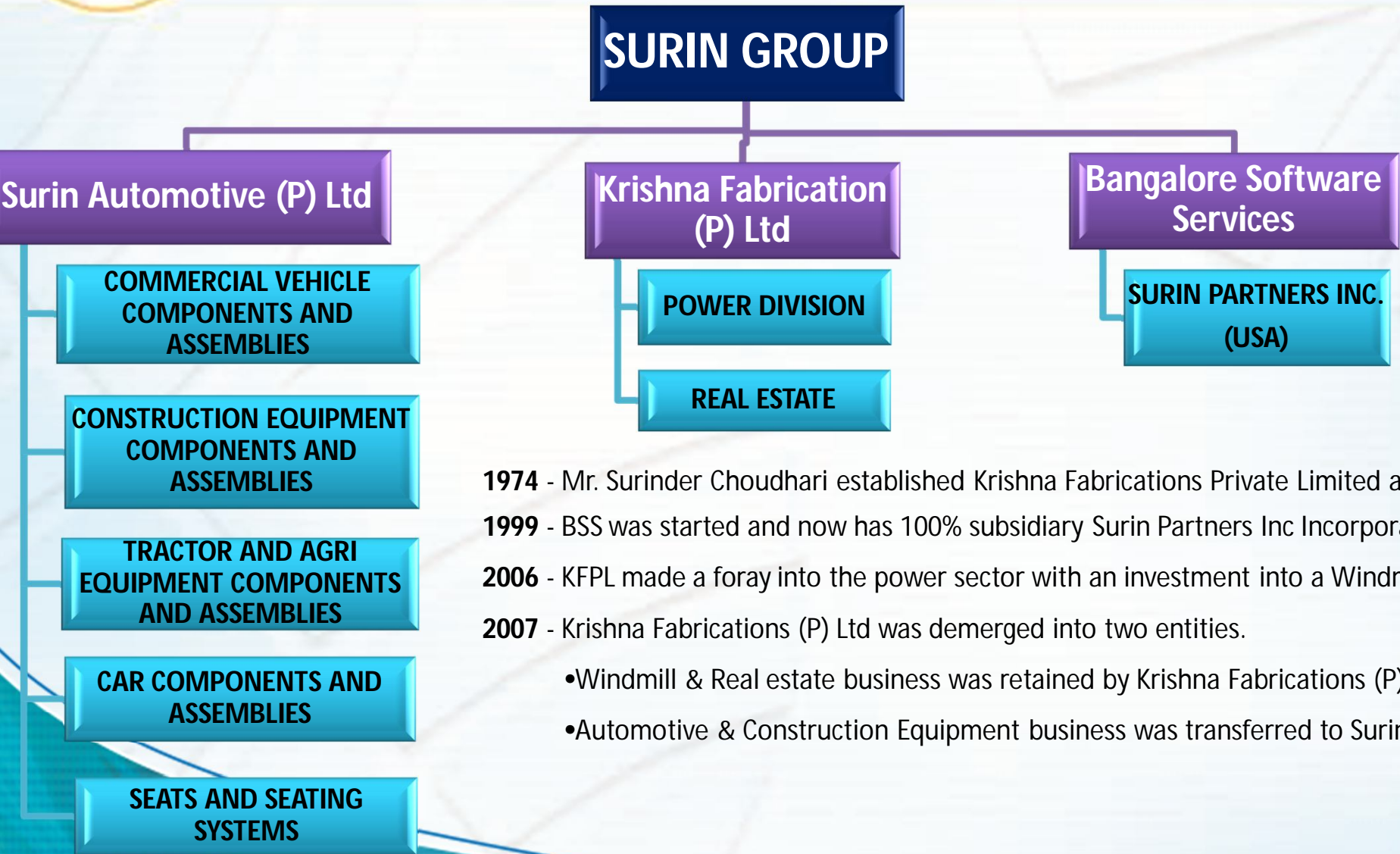


SURIN GROUP

CORPORATE PROFILE



SURIN GROUP OVERVIEW



1974 - Mr. Surinder Choudhari established Krishna Fabrications Private Limited at BANGALORE.

1999 - BSS was started and now has 100% subsidiary Surin Partners Inc Incorporated in Boston, MA

2006 - KFPL made a foray into the power sector with an investment into a Windmill.

2007 - Krishna Fabrications (P) Ltd was demerged into two entities.

- Windmill & Real estate business was retained by Krishna Fabrications (P) Ltd.
- Automotive & Construction Equipment business was transferred to Surin Automotive (P) Ltd.

COMPANY OVERVIEW



One of the Leading Engineering and Manufacturing companies in India.

Operating 12 plants spread across 8 cities In India.

5 divisions driving the growth of the company:

- **COMMERCIAL VEHICLE COMPONENTS AND ASSEMBLIES DIVISION**
- **CONSTRUCTION EQUIPMENT COMPONENTS AND ASSEMBLIES DIVISION**
- **TRACTORS AND AGRI EQUIPMENT COMPONENTS AND ASSEMBLIES DIVISION**
- **CAR COMPONENTS AND ASSEMBLIES DIVISION**
- **SEATS AND SEATIGN SYSTEMS DIVISION**

All plants are TS16949 or ISO 9001:2008 Certified.

Single source for majority of our products / components or among the top two suppliers.

Financially strong base – Low debt equity ratio of 0.3 and credit rating of BBB+ by CRISIL. Free assets of estimated value of Rs. 200Cr. for future expansion.

Organically grown at an CAGR rate of 40% over the last decade and was Judged the 43rd fastest growing Medium Scale Company and the fastest in Automotive Sector by Inc 500 Magazine.

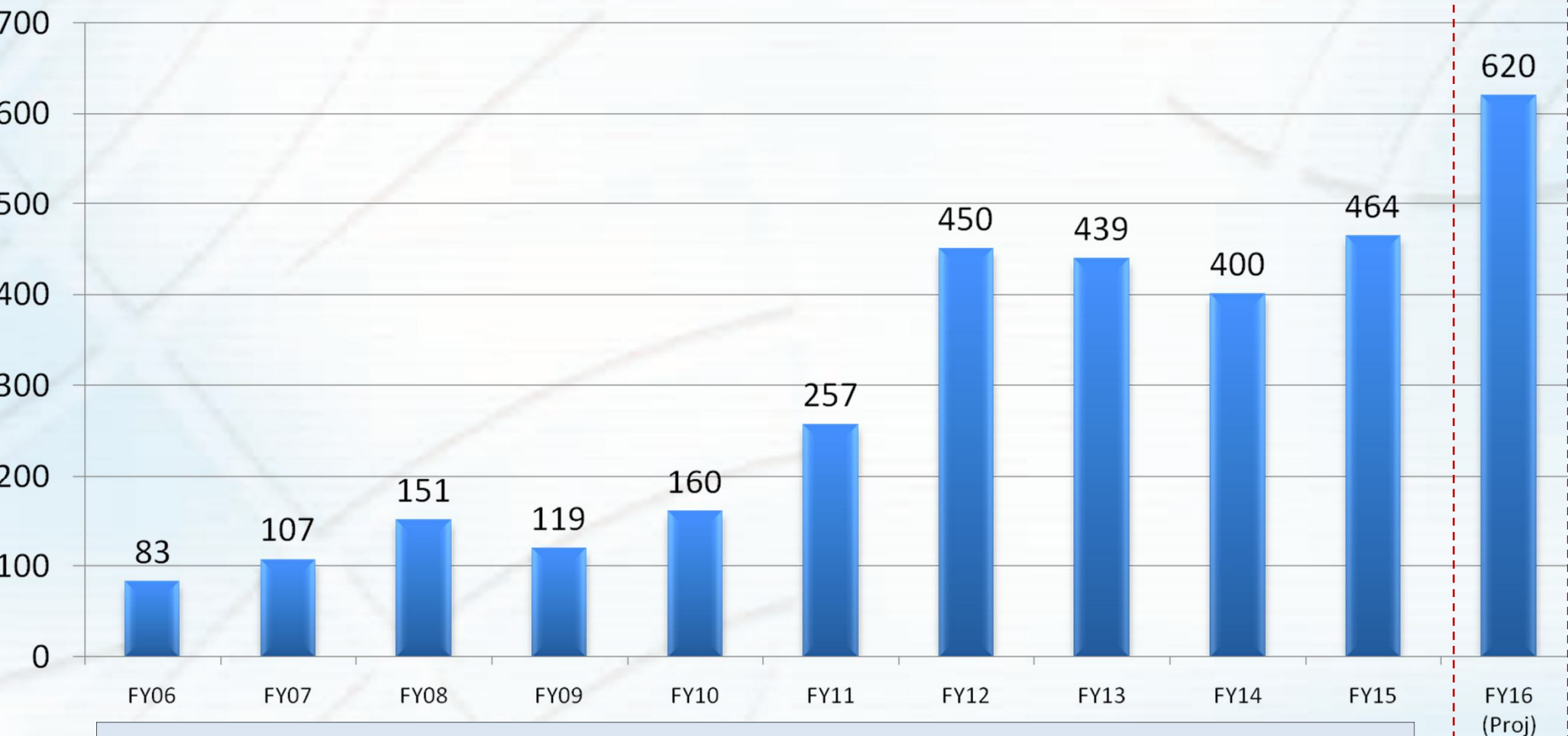
A leader in quality among its peers and therefore a preferred vendor.

Over 2100 employees / contract workmen across group.

YOY FINANCIAL GROWTH

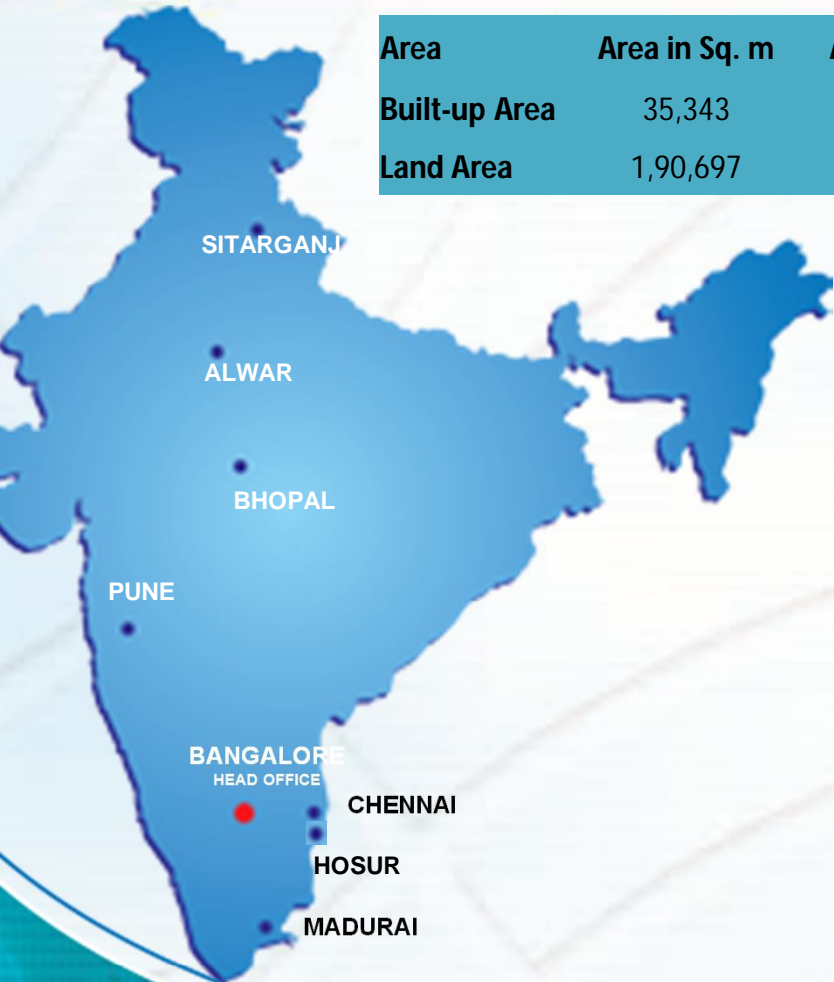


■ Gross Turnover in Rs. Crs



BBB+ Certified by CRISIL for credit rating – Highest in this segment

OUR MANUFACTURING CENTERS



Area	Area in Sq. m	Area in Sq. ft.
Built-up Area	35,343	3,80,291
Land Area	1,90,697	20,51,900

BANGALORE



Head Office
No. 6A/6C Phase 1,
Peenya Industrial Area
Bangalore - 560058

UTTARAKHAND



Plot No. A-194, Phase 1,
Eldeco Sidcul Industrial Park
Sitarganj, Uttarakhand -
262405

ALWAR



Plot No. B-536/537
MIA Extn, Alwar - 301030
Rajasthan.

CHENNAI



Plant 1
No. 5, GST Road,
Guduvancheri
Village, Chennai - 603202

Plant 2
Survey No. 820, 1B,
1A Chettipedu Road,
Chennai - 602107

Plant 3
Survey No: 548/1/2,
Katrambakkam village,
Chennai - 602117

Plant 4
Plot no. 54, SIPCOT
Industrial Park,
Pillaiyakkam, Chennai

PUNE



Plant 1
Plant 1 Plot No. 8, F 2 Block
M.I.D.C Pimpri Pune - 411018

Plant 2
Gat No.202, 203,219,226/2
Bhamboli,Tal-Khed, Dist-Pune.

MADURAI



Survey No. 392/5, 6&7,
Nilakottai Taluk,
Dindigul Dist - 624233

BHOPAL



Khasra No.13/3
Shobhapur
Goharganj. MP

HOSUR



Plot Nos. 15 & 16, SIPCOT
Industrial Complex, Phase
- II,, Hosur - 653102

SYMBOLS OF OUR STRENGTH – OUR CUSTOMERS



COMMERCIAL VEHICLE COMPONENTS AND ASSEMBLIES



Chassis Flitch



Chassis CMVR Parts



Full Cab for Tipper



Half Cab for Trucks & Buses



COMMERCIAL VEHICLE COMPONENTS AND ASSEMBLIES



Other Load Bodies



Ashok Leyland Nissan



Ashok Leyland - 909



Surin Automotive Private Limited

CONSTRUCTION EQUIPMENT COMPONENTS AND ASSEMBLIES



Hydraulic Tanks



Buckets



Fuel Tanks



Engine Doors



Counter Weights

CONSTRUCTION EQUIPMENT COMPONENTS AND ASSEMBLIES



Hood Front



Hood Rear



Cabine



Guard Assembly



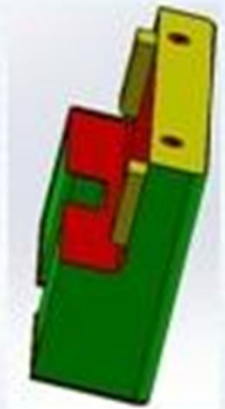
Buckets



Fuel / Hydraulic Tanks &
Battery Box



Stabilizer Box



Counter Weight

CONSTRUCTION EQUIPMENT COMPONENTS AND ASSEMBLIES



Wheel Loader Counter Weight



Tipper
Bodies

TRACTOR AND AGRI EQUIPMENT COMPONENTS AND ASSEMBLIES



Fuel Tanks



Bulk Head



Fenders / wheel arch



Fenders / wheel arch

Bumpers



Axle Assembly



Wheel Weight

Foot rest



Foot step



CAR COMPONENTS AND ASSEMBLIES



REINF HOOD LATCH MTG



HEIGHT BASE PLATE LH



NORMAL BASE PLATE LH



REINF B/APERTURE



PTC DUST COVER



BRKT-RR S/BACK MTG RH



EXTN SD OTR RR LWR RH



REINF-DASH LWR CTR



BRKT-RR S/BACK MTG LH



BRKT-RR S/BELT UPR MTG-RH

SEATING SYSTEMS & INTERIORS DIVISION



- Suppliers of seating systems & interiors to the Commercial Vehicles, Construction Equipment & Tractor Industry in India under brand name Kushy.
- Design and Prototyping – Ability to Design (using solid works), Proto-type and Manufacture seats for various applications based on customer requirement.
- Seats approved to EEC standards by ARAI as per customer specifications.
- Engineering capability to make critical components for seats, such as seat recliners, rails/sliders, height adjustment pedestals, etc.,
- In-House Dual Density PU Foaming facility with design capability of Moulds.
- Surin has a Tie-up with 2 Leading International Companies for Seating Systems.



SEATING SYSTEMS & INTERIORS DIVISION



ROAD ROLLERS / COMPACTORS



DUMPERS



BACKHOE LOADERS



EXCAVATORS



SEATING SYSTEMS & INTERIORS DIVISION

MOTOR GRADERS



SC25



SG4



SG10



SC15



8EZ

3EG



TRACTORS



SN7



SN6

TRUCKS & BUSES



SC25



FM (Volvo Driver Seat)



SG10



SJ1

FORK LIFT / SKID STEER



SC1A



SN3A



SC2

SURIN GROUP

**New Product and
Take over for
Heavy
Fabrication**

INTRODUCTION OF NEW PRODUCT – Heavy Fabrication



Surin has taken over business, Machines of M/s. Arkay Fabsteel for Heavy fabrication for Buckets (Wheel Loader, Excavator, Mobile Crusher Chassis/ Hoppers / Screens / Conveyors, Excavators Track frame etc..

This take over will add new machines like 450T Heavy Press Break, Plasma cutting, Oxyfuel cutting, Rolling, Boring machine etc..



SURIN GROUP

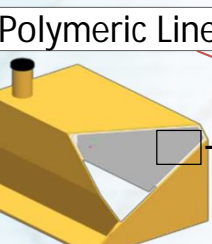
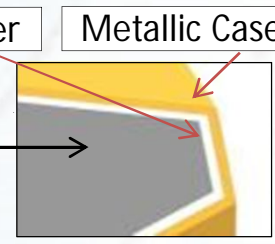


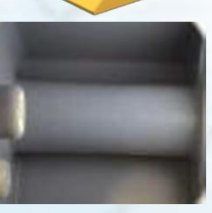





**Technology
Partner**

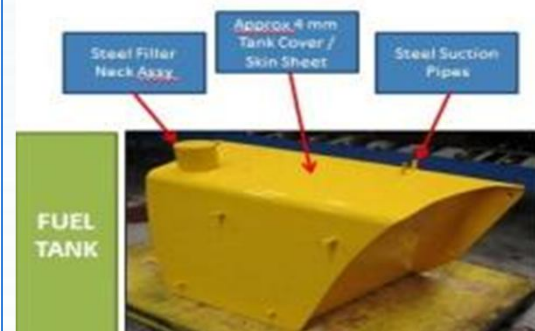
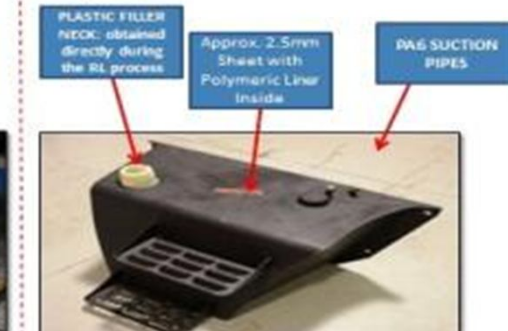

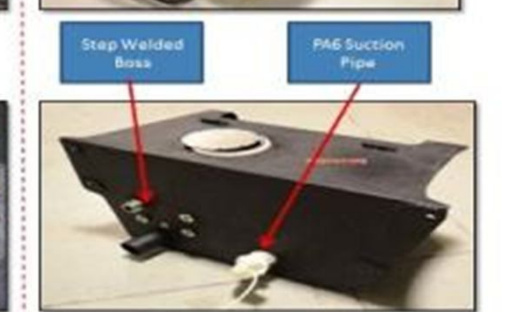
NEW TECHNOLOGY IN HYD AND FUEL TANKS - ROTOLINING



The Rotolining is a technique for applying an uniform layering of polymeric material to the interior surfaces of a complex hollow metal structure.

 <p>Polymeric Liner</p>	 <p>Metallic Case</p>		
			
<p>Pipe passing through the tank: Perfectly coated</p>	<p>Hydraulic Port: Coated perfectly without post-moulding operations</p>	<p>Baffles: Coated perfectly</p>	<p>Thread Inserts: Perfectly Coated. O ring slots directly realized during the RL process.</p>

Compression of Standard Tank V/s New Technology:

<p>FUEL TANK</p> 	<p>Standard Fuel Tank</p> 
<p>HYD TANK</p> 	<p>Standard Hyd Tank</p> 

- This technology can be adapted for Back Hoe and Excavators Hyd and Fuel Tanks.
- This New Technology will lead to give following advantages:
 - a. Quality Improvement like Elimination of cleaning process and contamination, No rust issues.
 - b. Wt. Reduction
 - c. Cost Reduction in certain cases

INTRODUCTION OF NEW PRODUCT – HEAVY FABRICATION



Surin Automotive has signed Technical MOU with ALCAR Italia for introduction of Heavy fabrication parts for Indian market. ALCAR is one of the leading company in European market. This technical MOU will add new products into Surin Product line like,

- . Excavator Buckets
- . Wheel Loader Buckets
- . Boom and Arms
- . Frame Assembly
- . Loader Arm Assembly etc.



Arm



Boom and Arm



Buckets from Excavator and Wheel Loaders



Loader Arm Assembly



Frame Assembly

INTRODUCTION OF NEW PRODUCT – ELECTRONIC SENSORS



Surin has signed Technical MOU with ALCAR Italia for introduction of Electronic sensors for Indian market. ALCAR is one of the leading company in European market which has established these sensors for various applications as below with following advantage:

- Lifetime: 10 Years with small battery
- Energy Efficiency
- Miniaturization

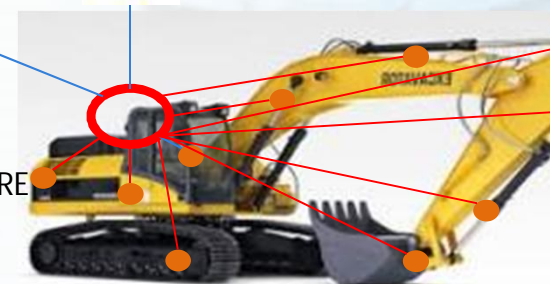
- Temperature
- Pressure
- Strain
- Humidity
- Light
- Inclinometer
- Accelerator
- Deformation
- Vibration



INTEGRATED TO CUSTOMER PRODUCT



ULTRA LOW POWER WIRELESS INFRASTRUCTURE



STRAIN

ACTIVE RFID

ENGINE TEMPERATURE

VIBRATION

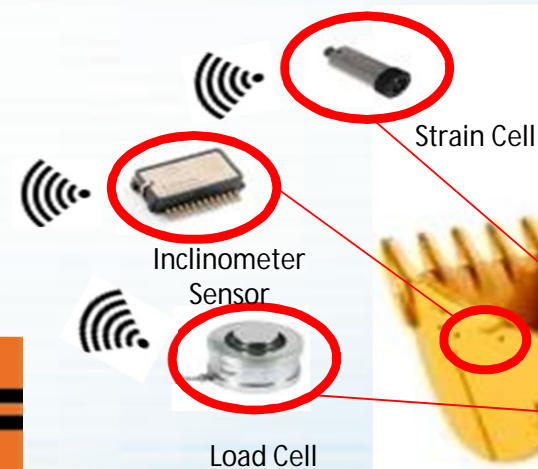
PRESSURE

WEIGHT / LOAD

SPEED SENSOR



SENSOR BOX





MANUFACTURING INFRASTRUCTURE



INFRASTRUCTURE



FIRST OPERATION SHOP (FOP)

- Range of cutting options like CNC laser, plasma & CNC shearing facilities.
- CNC press brakes including 300 tons Durma and 400 tons Ermaksan with 6 m bed.
- 50 Tons Amada Coma CNC turret punch presses for punching up to 9.5 mm.



PRESS SHOP & TOOL ROOM

MECHANICAL PRESS LINES - More than 60 mechanical presses including 43 imported presses of Seyi, Chingfong, ERFURT & Yangli make ranging from 80 tons to 315 tons and bed area of up to 2.5 m by 1.25 m .

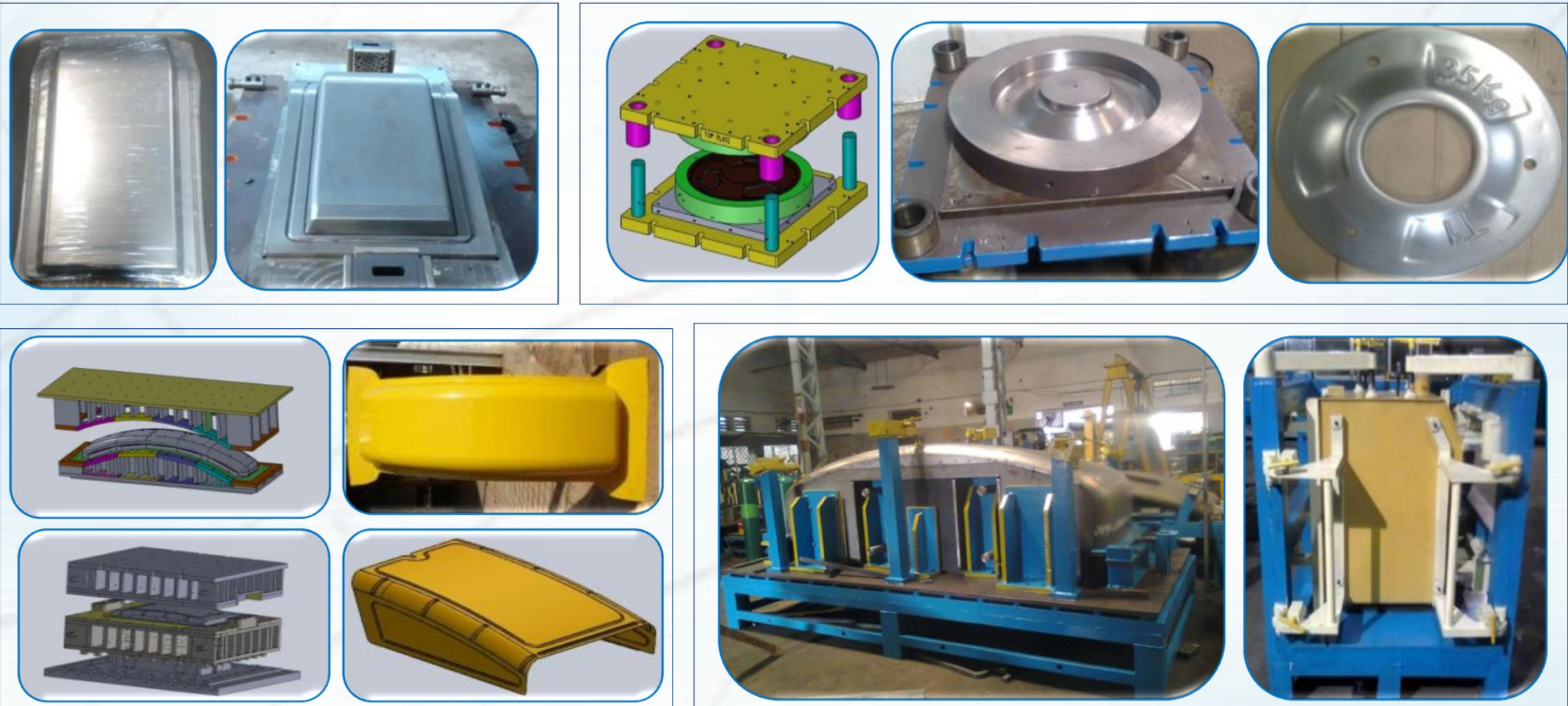
HYDRAULIC PRESS LINES - range of hydraulic presses with capacity from 160 tons to 500 tons with bed size of upto 3 m by 1.5 m.

Automated Material handling, Including conveyers, EOT cranes capacity up to 10 tons for heavy assemblies, Hydra, Forklift etc.



TOOL ROOM – TOOLING AND FIXTURE MANUFACTURING

Surin has in-house capability for design and manufacture complete range of Tooling and Fixtures with CAD/CAM facilities. Tool room based in Chennai plant and is captive for in-house work. Tool room having facilities like CNC vertical milling center, Plano milling, Radial Drilling machine, CMM etc.



WELDING AND PAINTING



WELD SHOP

- Robotic Welding for car components.
- Range of portable spot welding guns with capacity up to 75 KVA.
- Extensive MIG welding facilities up to 600 amps capacity.
- Projection welding facilities up to 75 KVA with automatic nut feeders.
- EOT cranes of capacity up to 10 tons for heavy assemblies.



PRE-TREATMENT & PAINTING FACILITY



- 8 tank tri-cation hot dip phosphating and painting facilities for large structures / load bodies.
- Shot blasting facilities of size 8m x 5m x 4m for tippers, trailers, concrete truck mixers, etc.,
- Down draft painting booth with airless liquid spray painting systems & baking.
- Conveyerised auto reciprocating powder coating facility for components up to 6 meters.



Quality & Other Awards

“Quality a way of Life”



CERTIFICATIONS



Gudvencheri, Kuttambakkam, Katarabakkam, Sitarganj & Pune plants are certified to TS 16949.
All other plants are certified to ISO 9001: 2008.



AWARDS / APPRECIATIONS



**Ashok Leyland
2014-15 (Top
Performer)**



**TAFE 2014-15
Best Supplier – Cost Optimization**



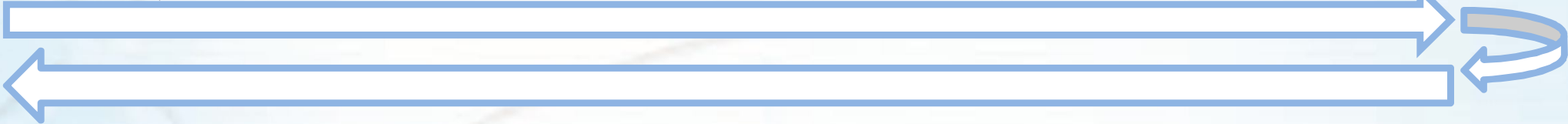
**Ashok Leyland
2014-15 (Delivery
and Ramp up)**



**TAFE 2013-14
Best Supplier**



**Ashok Leyland 2013
Best Quality**



**TAFE – 2007-08 & 2009-10
Best Supplier**



**JCB 2008-09
Outstanding
Performance in
Cost & Dev.**



**Ashok Leyland
2008-09
Outstanding
Performance in Cost**



**100 ppm -Hyundai
Motors India**



**JCB – 2013-14
Q.C.L.D.M
Performance**

NEWS ARTICLES



The Class of 2013

The Honourees

500 reasons to be optimistic about India's growth story

Inc.



34	Kothari Industrial Corporation	65.76
35	Ontrack Systems	62.23
36	Commercial Engineers & Body Builders Company	61.12
37	Shelter Infra Projects	60.89
38	Vijay Shanthi Builders	60.76
39	India Steel Works	60.73
40	SRL	57.18
41	Linkson International	54.99
42	Walsons Services	53.79
43	Surin Automotive	53.34
44	Texmo Pipes & Products	53.23
45	Eastern Gases	52.96
46	Enaltec Labs	52.96
47	Haryana Ship Breakers	52.29
48	Oswal Green Tech	52.12
49	Veer Energy & Infrastructure	51.75
50	BS Ltd	50.72

Judged the 43rd fastest growing Medium Scale Company and the fastest in Automotive Sector by Inc 500 Magazine.



THANK YOU

Corporate Office:

Surin Automotive Pvt. Ltd.
6A, Peenya Industrial Area,
Phase 1, Bangalore,
India- 560058

Registered Office:

Surin Automotive Pvt. Ltd.
409, 12th Main Road, Raj Mahal
Vilas Extension, Bangalore,
India - 560080