

This global alliance between Setco & Lingotes started Commercial Production from April 2016. LavaCast is certified with ISO / TS - 16949.

FOUNDRY HIGHLIGHTS

Moulding Line

- Fully automated vertically parted moulding Line
- The rated speed of the moulding machine is 400 moulds/hr
- The mould size is 570 x 750 x 140 - 400 mm

Sand Plant

- Disa Sand Plant with SAM Mixture and SMC Control

Core Shooter

- Cold Box Core Shooter from Disa with Core Preheating facility

Melting and Auto Pour

- Tri-Trak Induction Furnace of capacity 12 Tons/hr
- Separate crucibles for CI Casting and SG Iron Casting

Shot Blasting and Fettling

- On-line continuous shot blasting facility

Machine Shop

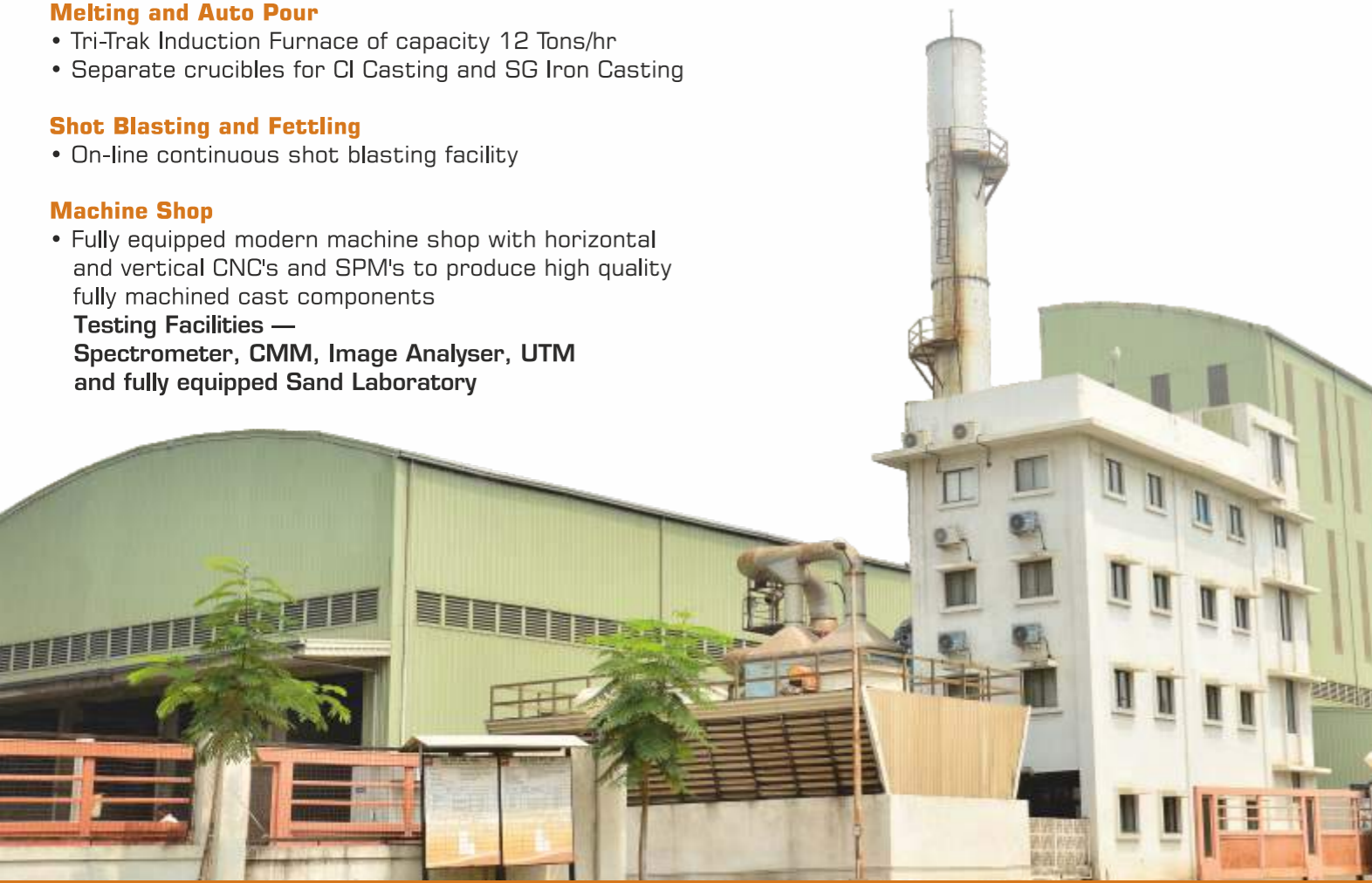
- Fully equipped modern machine shop with horizontal and vertical CNC's and SPM's to produce high quality fully machined cast components

Testing Facilities —

Spectrometer, CMM, Image Analyser, UTM and fully equipped Sand Laboratory

R & D FACILITIES FOR NEW PRODUCT DEVELOPMENT

1. Unigraphics NX 11 for CAD/CAM
2. Creo 4.0 for CAD/CAM
3. Product Simulation thru MAGMA SOFTWARE
4. 3D Printing
5. Burst Testing Facilities



Registered Office

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Corporate Office

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lava cast

A Joint Venture Between

SETCO
AUTOMOTIVE LTD

&



Lingotes Especiales, S.A.

WHEN TWO LEADERS COLLABORATE, NEW OPPORTUNITIES ARE CREATED.

It takes much more than strategy to collaborate with a winning team - Passion to perform, Endeavour to excel, and vision to go beyond the obvious pave the way to a success of such magnitude.

Setco Automotive Ltd. (Setco) and Lingotes Especiales S.A. (Lingotes) have joined hands to become a 30 million Euros joint venture called LavaCast Pvt. Ltd., focused on developing and manufacturing fully machined ferrous casting products for automotive and other industries.

VISION

To be a leading global brand in fully machined quality foundry products and partner our customers with a environmentally conscious production process.

MISSION

To be a top 5 foundry in India by capacity - catering to leading industry needs with a strong focus on efficiency, environment, safety & hygiene.

VALUES

1. Customer Focus
2. Environment Consciousness
3. Excellence
4. Integrity
5. Leadership

**ISO / TS - 16949
CERTIFIED FACILITY**

www.lavacast.in

PRODUCT RANGE



Catalytic Cone



Clutch Cover



Clutch Pressure Plate
(Coil Spring type)



Brake Drum
(LCV-MCV-HCV)



Brake Disc



Clutch Pressure Plate
(Diaphragm type)



Clutch Release
Bearing Housing



Differential Case



Flywheel Assembly
170-380 Dia



Ring Gear



Turbine Housing



Shackle
(LCV-MCV-HCV)

CAPABILITIES



ISO / TS – 16949 CERTIFIED FACILITY

TECHNICAL EXPERTISE TO GIVE YOUR BUSINESS AN EDGE OVER OTHERS

A strategic alliance of this magnitude offers your business the best of both worlds, right from technical expertise to rich knowledge pool from across the globe. LavaCast Foundry benefits you through:

- De-risked project implementation
- Faster ramp up and rapid product development
- Improved yield and rejection levels leveraging Lingotes process methodology
- Experience of Lingotes which is trusted by customers like Ford, Volkswagen and Renault for high realization auto components

| Components | Segment / Customer |
|---|--|
| Clutch Cover | Clutch Assembly |
| Pressure Plates | |
| Release Bearing Housing | |
| Flywheel / Flywheel Housing / Hub | LCV / MCV / HCV / TRACTORS / EXPORT MARKET |
| Brake Drum / Brake Disc / Hub | |
| Bearing Cap / Bearing Housing | |
| Mounting Brackets / Suspension Brackets | |
| Housing Cover / End Plates | Passenger Car / HCV / EXPORT MARKET |
| Brake Carriers / Calipers / Slacke Adjustor | |
| Differential Case / Housing / Carriers | |
| Turbine Housing / Flywheel | Power Generator |
| Crank Case / Shafts | Refrigeration |

