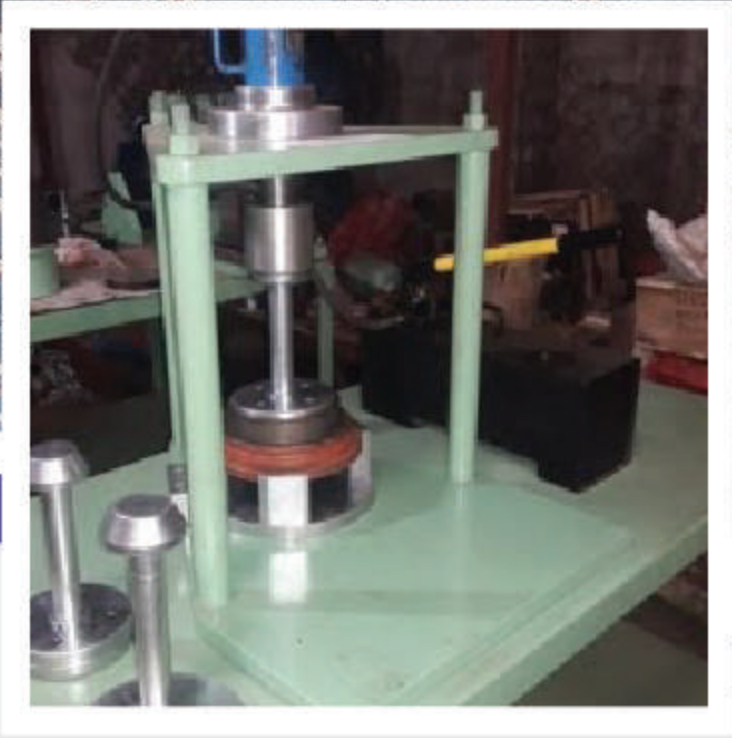




Invotech Engineers Pvt. Ltd.

An ISO 9001: 2015 company



We Excel in

- Special Purpose Machines ◀
- Fabrication ◀
- Pressed Steel Radiators ◀

Boyd Smiths Pvt. Ltd.



Carriage & Wagon Workshop, Perumbur
- Southern Railway

Electric Loco Shed Kazipet
- South Central Railway

Wagon Repair Workshop Jhansi
- North Central Railway



Integral Coach Factory, Chennai - 38

A Production unit under Ministry of Railways



Taikisha Engineering India Pvt. Ltd.



TIMKEN

Timken India Limited

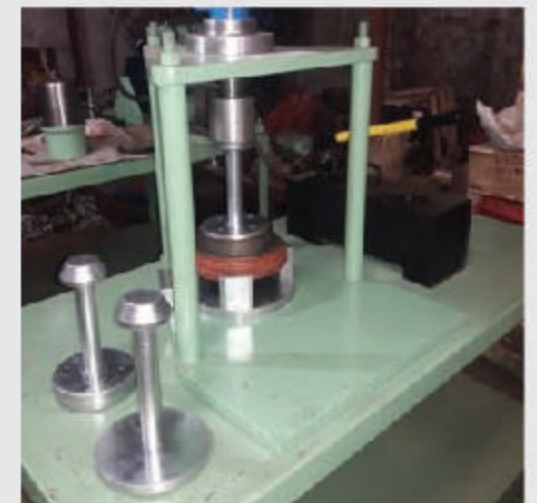
WHO ARE WE?



Invotech Engineers Pvt. Ltd. is one of the leading manufacturers, exporters and suppliers of high quality engineering products. We have wide range of products like Pressed Steel Radiator for Electrical Transformers (Distribution and Power) , Transformer Tank (Distribution and Power), Special Purpose Machine, Structural Fabrication.

Invotech Engineers (P) Ltd. is an ISO 9001:2015 company for Pressed Steel Radiators, Transformer Tank, and Structural Fabrication. Our Company's utmost priority is to offer high quality and low maintenance range of products to the clients to enhance their business objective. Over the years, we have developed a strong foothold in the global market due to the higher quality products along with prompt customer services.

To match up with the ever growing needs and requirements of the industry, we have designed a sophisticated manufacturing facility loaded with latest technology machinery and equipment. In addition to this, our team of engineers and other professionals design the best range of products to fulfil the business requirement of our clients. Our wide distribution network helps us to reach to the highest number of patrons across the world within the stipulated time period.



PRODUCTS

AQUABLAST 1000

PRODUCT HISTORY

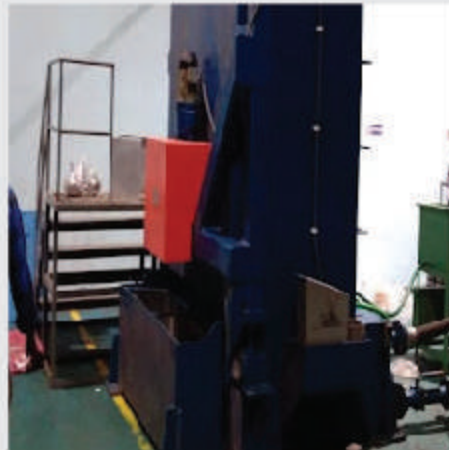
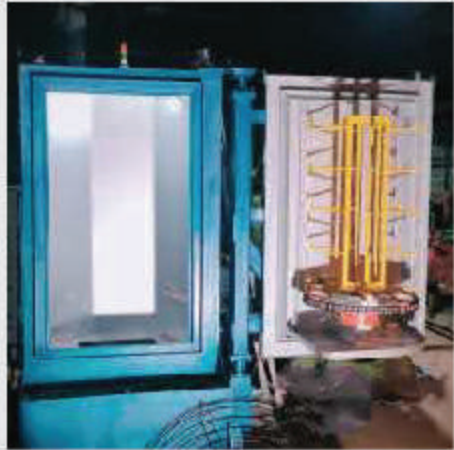
- Customer: TIMKEN India Ltd.
- Purpose of Machine : Cleaning of greased bearing comp.
- Developed in 2022.
- Duration of development : 6 months.

MAIN TECHNICAL SPECS. & USP

- Hot Chemical Spray Pressure 6kg/cm2 (adjustable pressure per the requirement).
- Temperature of cleaning chemical 70degC (Changeable).
- Material for cleaning loaded on Turntable (rotation speed adjusted with by VFD (Variable Freq. Drive).
- PLC Controlled.

TYPES AND FOCUS INDUSTRY

- Industries with parts cleaning required (Railways, Automotive, Workshops, etc).

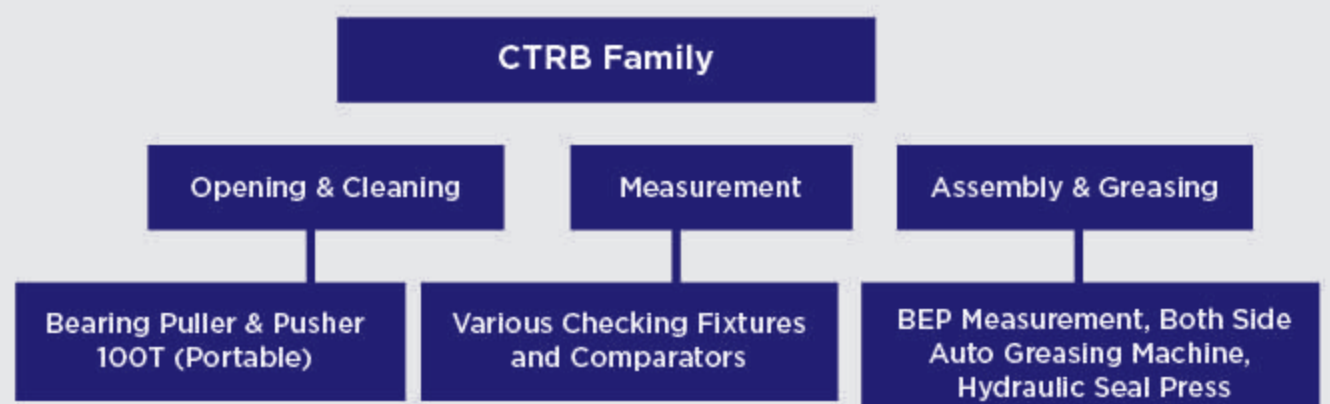


CTRB OVERHAULING EQUIPMENTS

PRODUCT HISTORY

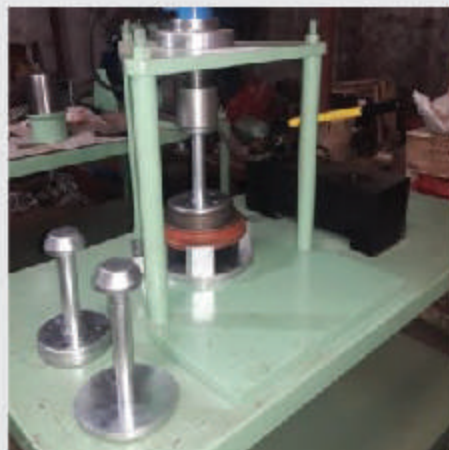
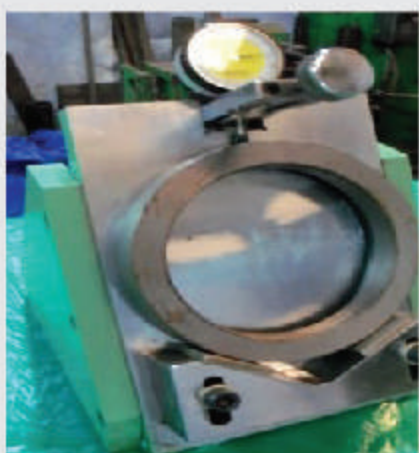
- Customer : Indian Railways (Kazipet Railway Works, Perumbur Works; Chennai, Jhansi Works, Kharagpur Works, Kajipet Works) Taikishia Engineering Pvt. Ltd.
- Purpose of Machine : Cleaning, Measuring, Greasing of CTRB Components.
- First developed in 1997.

MAIN TECHNICAL SPECS.



TYPES AND FOCUS INDUSTRY

- Railways and private customers



PRODUCTS

BOGIE AND BOLSTER MANIPULATOR

PRODUCT HISTORY

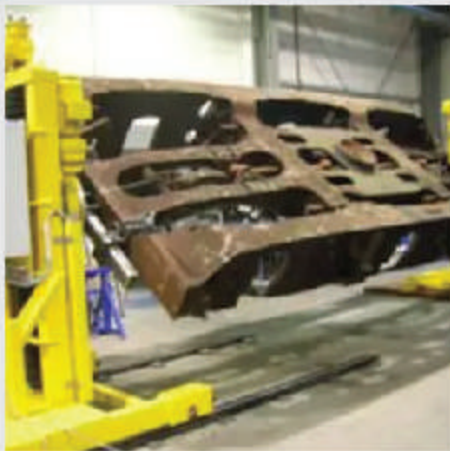
- Customer: Boid & Smith, TAIKISHA India Ltd.
- Purpose of Machine : Rotation of bogie at angles for ease of welding
- Developed in 2018,2022
- Duration of development : 6 months

MAIN TECHNICAL SPECS. & USP

- Weight upto 5T can easily be handled
- Rotation can be stopped at any place
- Pendant operated for good ergonomics

TYPES AND FOCUS INDUSTRY

- Railways



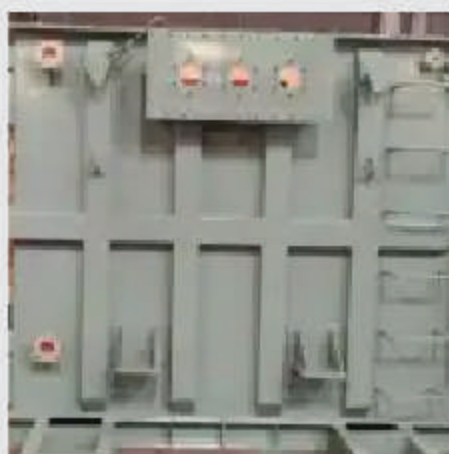
TRANSFORMER RADIATORS, TANKS & PRESSURE VESSELS

PRODUCT HISTORY

- Customer: Truvolt, Makpower, Shyam steel
- Purpose of Machine : Cooling of transformer (radiator) and housing of live parts of transformers in oil (Transformer Tank)
- Manufacturing since 2000

MAIN TECHNICAL SPECS.

- Radiators of 3 Widths (226mm, 300mm, 520mm) and any length can be manufactured and exported abroad
- CRCA sheets for radiators & HR sheets for tanks
- Joining of elements and header pipes done from outside with mig-welding (avoid welding spatters inside radiators)
- Header pipes (ERW/seamless) punched at regular pitches with a punching press
- Inhouse facility for shotblasting, Flow coating paint followed for radiators. Furnace and power transformer tanks manufactured for Indian customers



TYPES AND FOCUS INDUSTRY

- Transformer and power generation
- Industry where pressure vessels are required

PRODUCTS

HYDRAULIC BEARING PULLER

PRODUCT HISTORY

- Customer : TIMKEN, NEI, FAG, Indian Railways
- Purpose of Machine: Take out CTRB from Rail Axle
- Developed in 1999
- Duration of development: 6 months

MAIN TECHNICAL SPECS. & USP

- Maximum force applied: 100 MT
- Adjustable Height
- Mounted on movable trolley.

TYPES AND FOCUS INDUSTRY

- Railways



CTRB OVERHAULING EQUIPMENTS

PRODUCT HISTORY

- Customer : Indian Railways
- Purpose of Machine: Coach lifting for assembly purpose
- Developed in 2022
- Duration of development: 6 months.

MAIN TECHNICAL SPECS. & USP

- Maximum load can be lifted: 10 MT
- Adjustable Height

TYPES AND FOCUS INDUSTRY

- Railways



PRODUCTS

TURNTABLE

PRODUCT HISTORY

- Customer: Indian Railways
- Purpose of Machine : Fixture for shifting of axles in perpendicular path
- Developed in 2022
- Duration of development : 6 months

MAIN TECHNICAL SPECS. & USP

- Lifting possible with load 5MT, 10MT
- Motorised Operatio

TYPES AND FOCUS INDUSTRY

- Railways



DIP LORRY

PRODUCT HISTORY

- Customer: Indian Railways
- Purpose of Machine : Fixture for coach fabrication
- Developed in 2022
- Duration of development : 6 months

MAIN TECHNICAL SPECS.

- Lifting of load possible : 10MT
- Fixed Height or Movable

TYPES AND FOCUS INDUSTRY

- Railways



OUR TEAM



Anandamoy Das

Managing Director

Post Grad. Mechanical Engineer
30 + years of industry experience.

Organisation Lead
Machine Design, Manufacturing,
Purchasing, Development of Business.



Ujjal Das

Head of SPM Division

30 + years of industry experience

Organisation Lead
Machine Design, Manufacturing.



Dibakar Das

**Manager, Palan Unit Head of Palan
Unit and Fabrication Division**

30 + years of industry experience

Organisation Lead
Head of Fabrication work,
Manufacturing .



Shantanu Gupta

Manager , Chanditala Works

Mechanical Engineer.

10 + years of industry experience

Organisation Lead
Machine Development ,
Manufacturing, Purchasing.



Amir Kumar Dutta

Partner, Dutta and Dasgupta

Electrical Engineer

40+ years of industry experience

Organisation Lead
Associate for Design of Special
Purpose Machines, Marketing of
all products



Nirupam Saha

Partner, Electrocontrol

Equipment

Electrical Engineer

15 + years of industry experience

Organisation Lead
Associate Control Panel and
Automation.

**3 Facilities with high
manufacturing capacity**

**50 +
Employees**

**Avg. 20+ years
Manufacturing Experience**

Inhouse dedicated design department

Special Purposes Machines



Pressed Steel Radiator

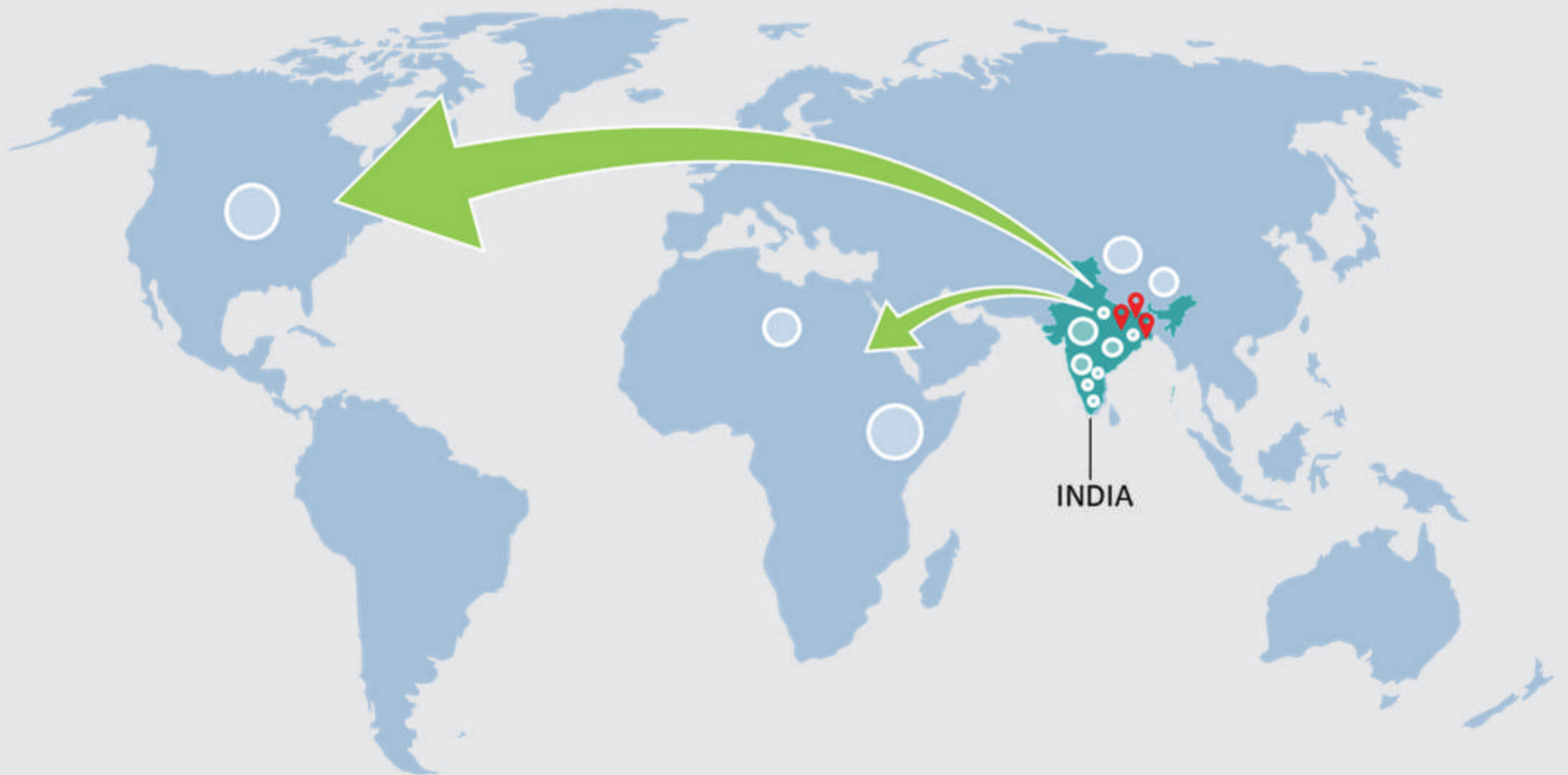
Inhouse & Site Maintenance

Complex Fabrication

Commissioning of Special Purpose Machine

OUR MANUFACTURING LOCATIONS & CUSTOMER LOCATIONS

-  IEPL Locations
-  Customer Locations



We export to Bangladesh, Nepal, other parts of the Indian sub-continent, Kenya and the world

UNIT 1

Location: Chanditala (South Kol.)

Capacity: Radiator-30MT/month

Area: Covered : 10000 Sq.ft.

Employees: 25

UNIT 2

Location: Palan Industrial Estate (Raipur, Maheshtala)

Capacity: Radiator-50MT/month
Tank-60MT/month
Fabrication work-100MT/month

Area: Covered : 21000 Sq.ft.
Open : 15800 Sq.ft.

Employees: 30

UNIT 3

Location: Budge Budge Industrial area.

Capacity: Fabrication Works

Area: Open :74100 Sq.ft.

Employees: 3



Contact :
Anandamoy Das
(Managing Director)

(+91) 9331008023  sales@iepl.net.in 
invotech.engineers@gmail.com 