

OUR GLOBAL PRESENCE



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TRACTION



One World



One Power





POWER AT YOUR SERVICE

Exide has taken an initiative to provide door-step service to the customers using Exide traction batteries.

The Trac Mobile vans are operative in all major cities in India including
New Delhi • Mumbai • Chennai • Pune • Baroda • Hyderabad
• Bangalore • Kolkata • Goa • Chandigarh

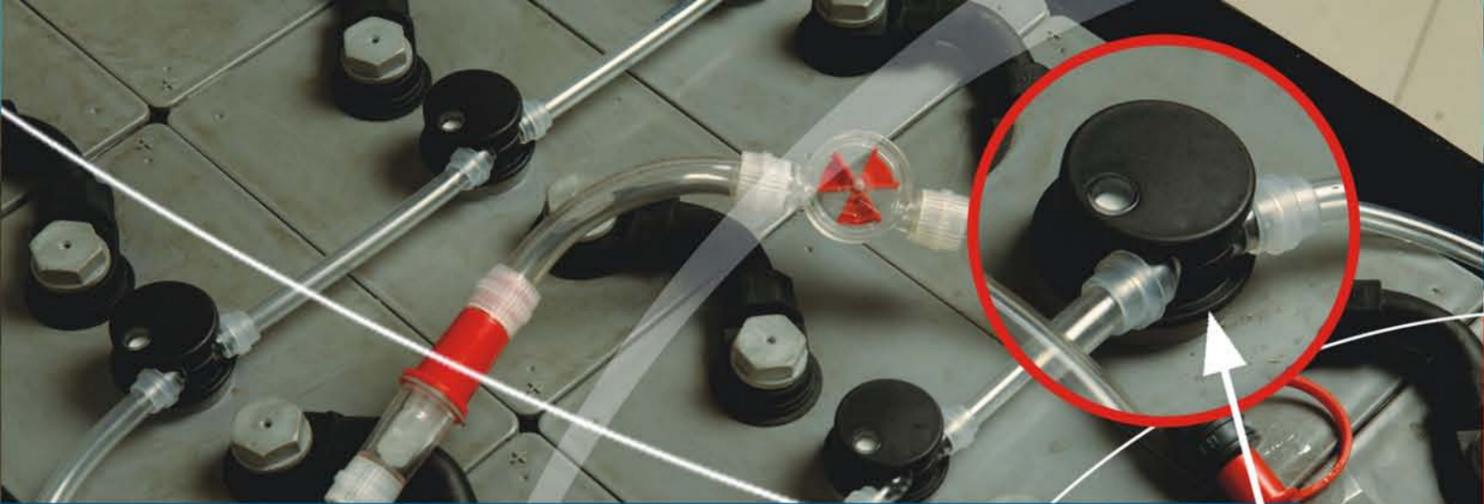
Trac Mobile service is available for the following brands:

HSP Classic – 12 month warranty
Gen X – Additional capacity in same dimension

Warranty for Trac Mobile cities

5 years full warranty against AMC or
2 years full warranty and 3 years
pro-rata warranty without AMC





SINGLE POINT WATERING SYSTEM AND ELECTRONIC LEVEL SENSOR

The automated water refill makes it possible to top up all the cells from one central point through an integrated system. The vent plugs automatically ensure the optimum filling level. The single point watering system along with a electronic electrolyte level sensor ensure proper maintenance of the battery. The kit can be fitted at the factory and on site.

BATTERY MONITORING SYSTEM

Measure:

- Battery Voltage • Temperature • Electrolyte level
- Charging & Discharging Current

Reports / Displays:

- % battery charge capacity real time • % life of battery
- Faculty cell alarm • Battery low alarm

Stores:

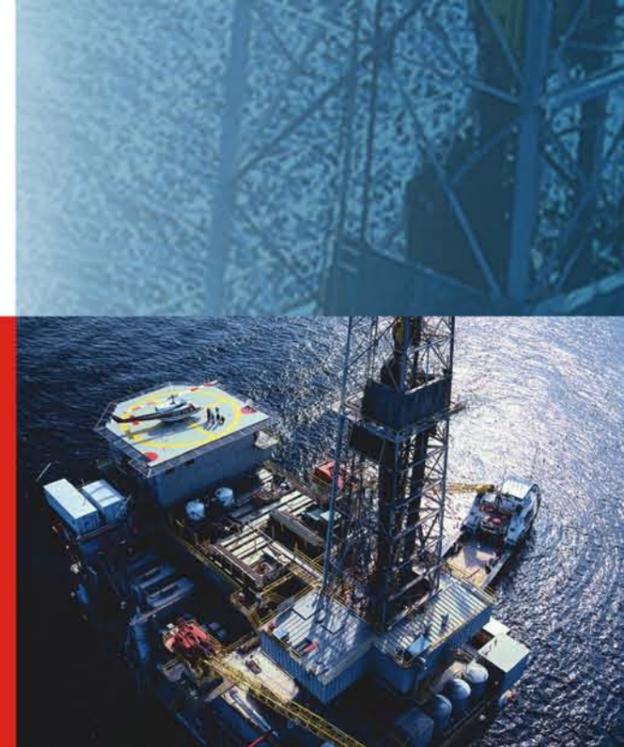
- Battery voltages • Charging & Discharging Current
- Charge & Discharge Duration



SMART CLAMP

A common cause of battery failure - the loosening of the cable from the socket. One of the many value added features of the Exide batteries, the SMARTCLAMP helps to firmly tie down the cable to the socket.

POWERING THE WORLD



We have set new world standards in battery technology through our focus on excellence, commitment and reliability. Over the years, Exide batteries have become the driving force in principal economic sectors globally. Today, Exide is a leading manufacturer of the entire gamut of secondary battery applications from motorcycle to large commercial vehicles, small UPS batteries to large submarine batteries. The brand has grown steadily, modernized its manufacturing processes and taken initiatives on the service front to become one of the largest manufacturers and exporters of batteries in South and South-East Asia. Continuous innovations have helped the company produce the world's largest range of industrial batteries extending from 2.5 Ah to 15000 Ah and covering various technology configurations.

- OEM supplier to Jungheinrich, Germany
- 85% of our Traction battery production is exported
- UK, Germany, South Africa, Japan, Korea, Singapore

ADVANCE SYSTEM SEAMLESS EFFICIENCY

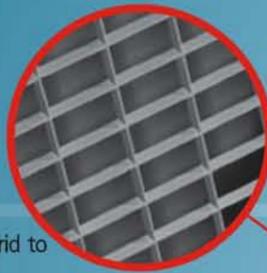
NEOPRENE GROMMET (NEW TECHNOLOGY)

The special grooved design on the inner, as well as outer portion of the batteries arrests the electrolyte seepage and flow. This eliminates voltage leakage and reduces corrosion on the connector of the battery resulting in better battery performance.



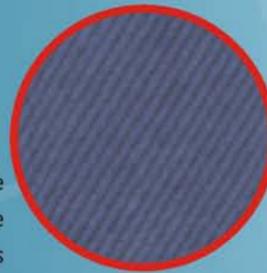
NEGATIVE GRID

The batteries use a patented low antimony grid to maintain low electrical resistance and ensure support for the negative active material. To obtain consistency of the highest levels, WIRTZ (USA) technology is applied.



SEPARATOR

The low ionic resistance of microporous polyethylene separators ensures high battery power throughout the battery's life. Procured from sources, the separators have excellent oxidation and puncture resistance.



NEGATIVE ACTIVE MATERIAL

The composition of the negative active material has been specially derived to be perfectly complementary to the positive plate. This greatly enhances the longevity of the battery. In addition, the pasting process uses state-of-the-art MAC (USA) machines for uniform density and texture throughout the surface area and ensures better active material retention.



EXIDE BCI RANGE

The Exide BCI range is made as per American standard and is manufactured against specific demands.



EXIDE BOLTED TERMINALS

The entire BS and Gen-X range is available with bolt-on terminals. Bolt-on terminals provide easy replacement of cells thereby saving valuable time.

THE SPECTRUM OF POWER

Exide thrives on being the unrivalled choice as a battery systems brand. Each Motive-Power battery system is designed to deliver a complete system to offer reliability and efficiency.

EXIDE HSP RANGE

The very popular and ever dependant HSP range has been powering various makes of forklifts for more than two decades. The HSP range is available in BS and DIN range from 58 Ah to 841 Ah in BS, and 120 Ah to 1400 Ah in DIN. Being available in both British and Continental standards, the HSP range can be fitted in all makes of forklifts.

EXIDE GEN-X RANGE

The Exide Gen-X range comes with 15% additional capacity in the same dimensions of the HSP range. The higher diameter of the gauntlet tubes increases the annular volume resulting in increased power. The advance formula of Red Lead and Grey Oxide used in the positive active material ensures increased power and long life. The Exide Gen-X range of batteries is at the highest technology level and has very high efficiency.

INNOVATION BY DESIGN

POSITIVE SPINE

The positive spine is the backbone of the plate and is cast at incredibly high 120 bar pressure with a special low antimony lead alloy formula.

SPINE CASTING



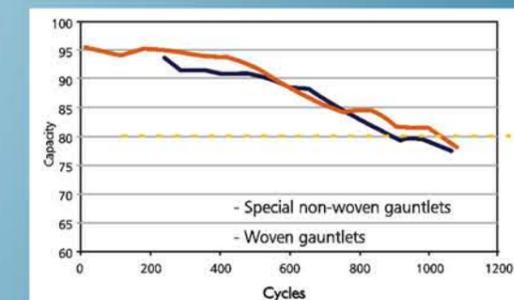
Gravity Cast (1 Bar) Low Pressure (10 Bar) Cast in Hadi (120 Bar)

An excellent combination of a very reliable frame of work and low electrical plate resistance is achieved using high technology Hadi (Austria) equipment.

GAUNTLETS & ACTIVE MATERIAL

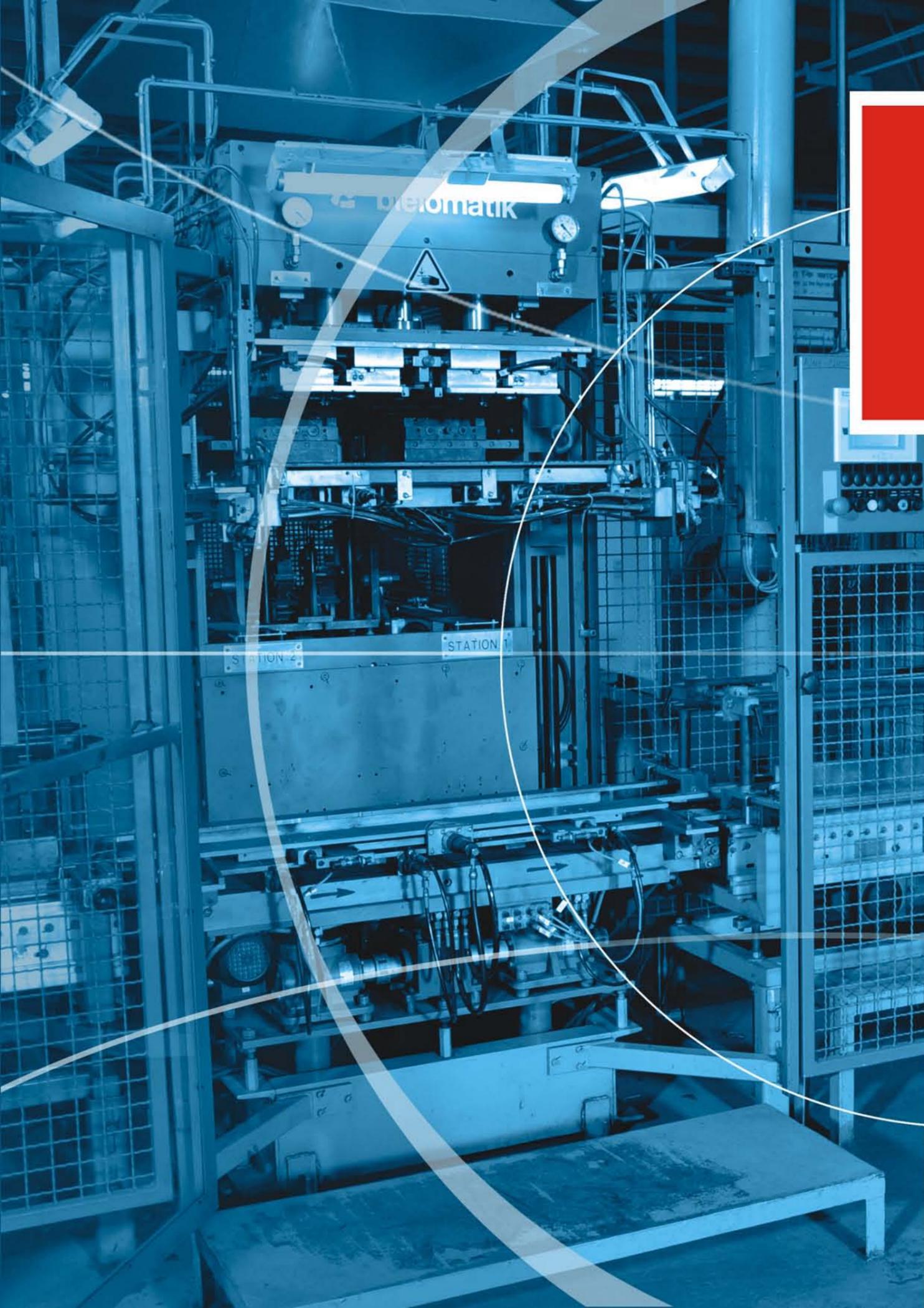
To enhance battery life, a combination of non-woven gauntlets and specially formulated active material is used. The unique structure of the non-woven gauntlets enables the electrolyte to penetrate more freely while further reducing the shedding of the active material.

SUPERIOR LIFE CYCLE OF NON WOVEN GAUNTLETS



BOLTED TERMINAL TECHNOLOGY

Superior 'Bolt-on Terminals' technology with brass inserts provides better electrical performance. Not only does this make replacement of any battery accessories easier and quicker, it prevents wear and tear of the terminals. Bolt-On Pillars are used with advanced grommets which are designed to arrest acid seepage and prevent terminal corrosion. The grommets are also designed to nullify the effect of plate growth.



MANUFACTURING EXCELLENCE

Exide has a sophisticated, self-sufficient facility dedicated for Motive Power Applications with a capacity of one million cells per year. Our ultra modern testing labs and cutting-edge equipments on the shop floor help us manufacture a wide range for both domestic and export markets. While all the manufacturing processes of Exide are world class, two processes clearly stand out:



FILTRATION FILLING TECHNOLOGY

The New Filling Technology along with non-woven gauntlets ensures appropriate filling density in the positives, ensures longer life and better performance even at partial state of charge.

RE-CIRCULATION FORMATION

We have migrated to a high-tech continuous re-circulation formation technique from the conventional formation system.

Advantages of RE-CIRCULATION Formation

- Users receive charged, tested cells
- The fewer steps and lesser variables involved ensure consistent performance
- It's an environmentally clean process with no acidic effluent discharged from the system
- Low power consumption makes it a production-friendly process
- Availability of optimum specific gravity of acid for formation of both positive and negative plates
- Precise control of formation temperature – consistency guaranteed
- Continuous circulation of acid, no stratification, uniform formation throughout the length of the plate, better utilization of active material
- Cells are tested for capacity and shortfalls captured at the production level itself
Supplied cells are assured for performance

