

# Lostfoamcast

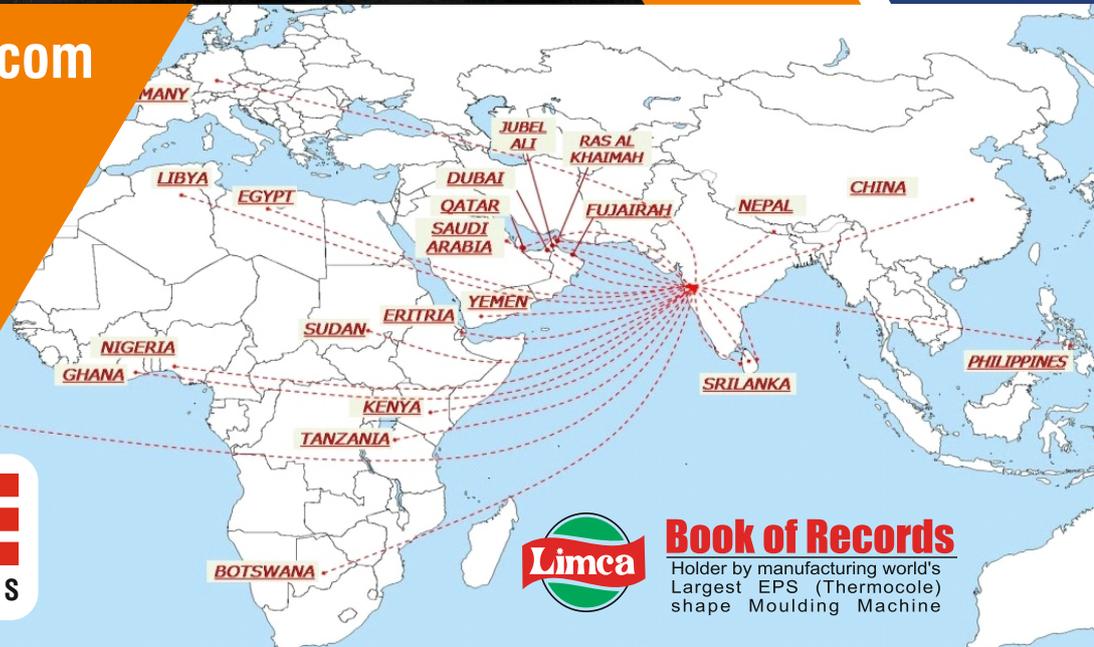
Lost Foam Casting Technology Pvt. Ltd.

Mane Group Of Companies

NEW ERA OF FOUNDRY



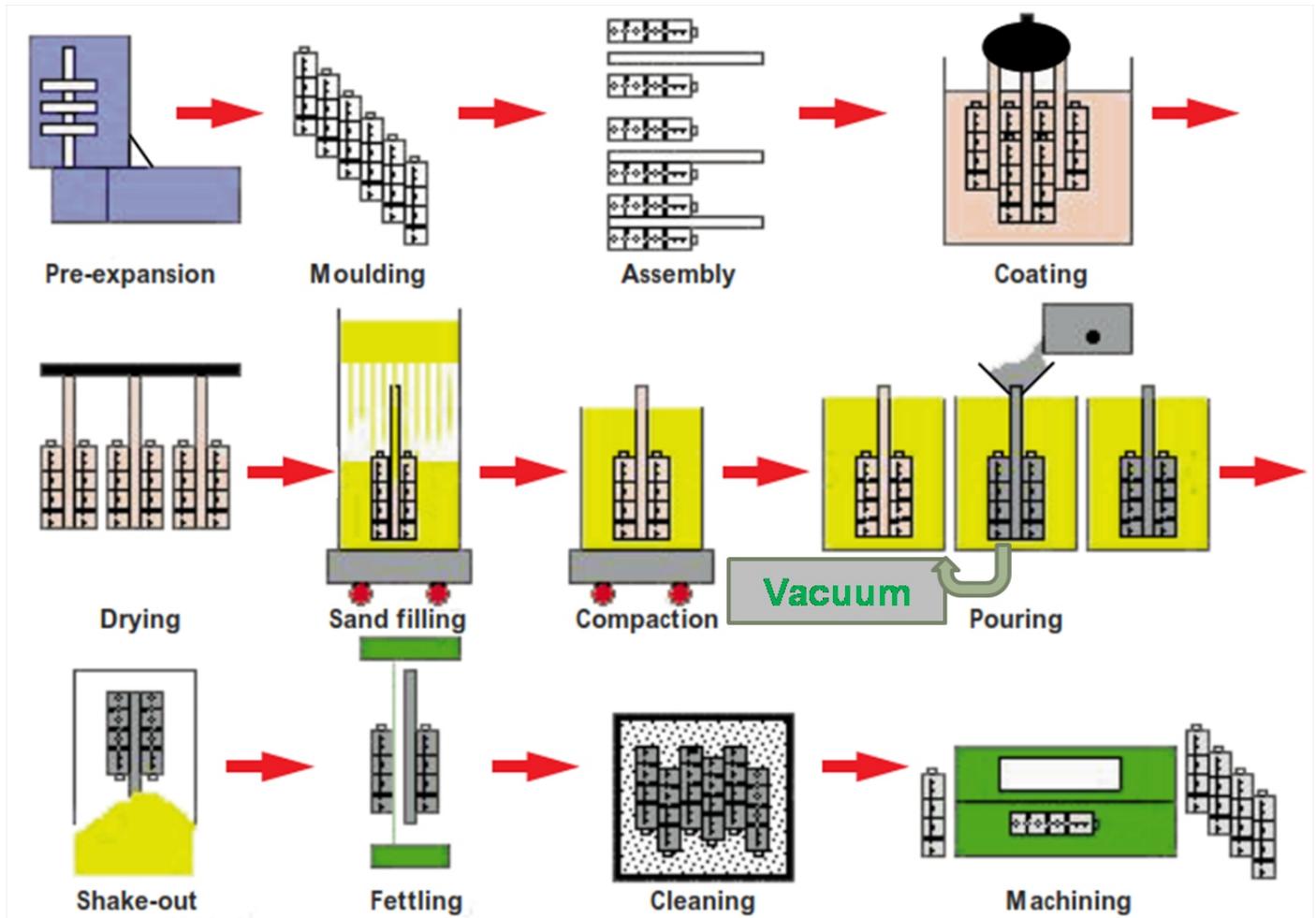
[www.lostfoamcast.com](http://www.lostfoamcast.com)



**Book of Records**

Holder by manufacturing world's Largest EPS (Thermocole) shape Moulding Machine

**Lost Foam Casting (LFC)** is a type of evaporative pattern casting process that is similar to investment casting except foam is used for the pattern instead of wax. This process takes advantage of the low boiling point of polymer foams to simplify the investment casting process by removing the need to melt the wax out of the mold.



**Advantages** are as follows:-

- Most economical moulding process today
- Useful for very complex patterns.
- No core, so no core cost
- No rejections due to core shifting
- High dimensional accuracy
- No fins so almost nil fettling
- Machining work minimized
- Excellent surface finish.
- Save in time.
- Used for ferrous & non-ferrous metals of any size.
- Multiple castings can be combined in one mould to increase pouring efficiency.
- Consistent casting quality.
- Sand reused with almost negligible wastage
- Environmentally friendly

# WHITE PART MACHINERY FOR LFC

## UTILITIES REQUIRED FOR THERMOCOLE MACHINERY



STEAM BOILER



STEAM ACCUMULATOR TANK



AIR COMPRESSOR



COOLING TOWER



WATER PUMP

## THERMOCOLE MACHINERY REQUIRED FOR WHITE PART OF LFC



EPS BATCH PRE - EXPANDER MACHINE  
MODELS CAPACITY: 5-100 KG/HR



EPS BEADS STORAGE SILO



EPS VERTICAL HYDRAULIC SHAPE  
MOULDING MACHINE  
MACHINE SIZES: 800 X 600 ; 1000 X 800 ;  
1200 X 1000 ; 1400 X 1200 ; 1600 X 1400 ;  
1750 X 1600



Horizontal Hydraulic shape  
moulding machine  
size: 800\*600, 1000\*800, 1200\*1000,  
1400\*1200, 1600\*1400, 1750\*1600



AUTOMATIC MATERIAL FEEDER



MOULD / DIE

## WHITE PART MACHINERY FOR LFC



CNC Glueing machine



MINI WASTE EPS  
MELTING MACHINE

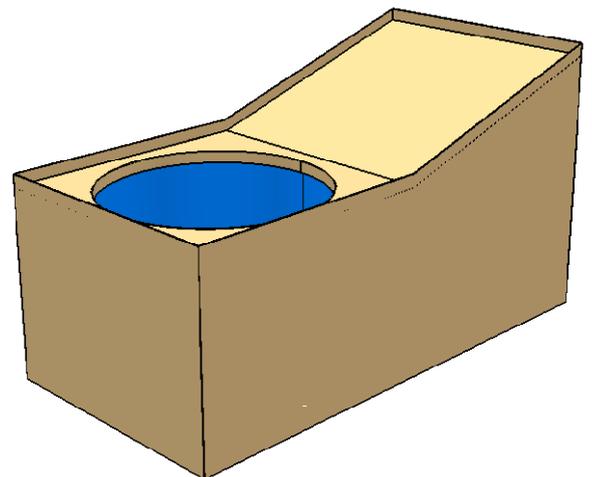


SINGLE HOT WIRE  
CUTTING MACHINE

## YELLOW PART MACHINERY FOR LFC



Slurry Mixer



Rotary deeping Tank  
with sloping table



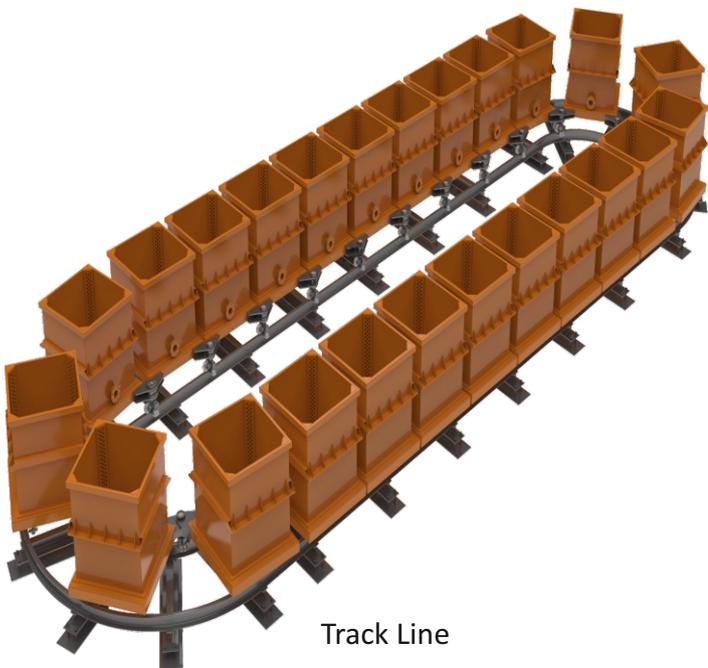
Slurry Transfer Pump



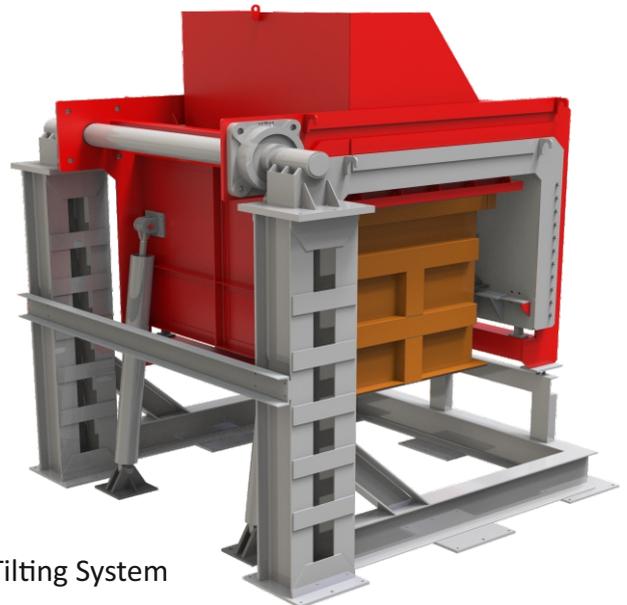
Box & Compaction Table  
size: 800\*800, 1000\*1000, 1200\*1200,  
1400\*1200, & as per specific requirement



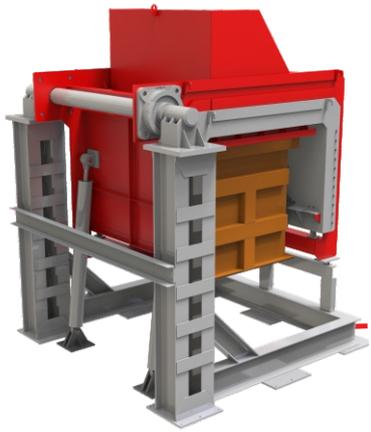
Sand Cooler



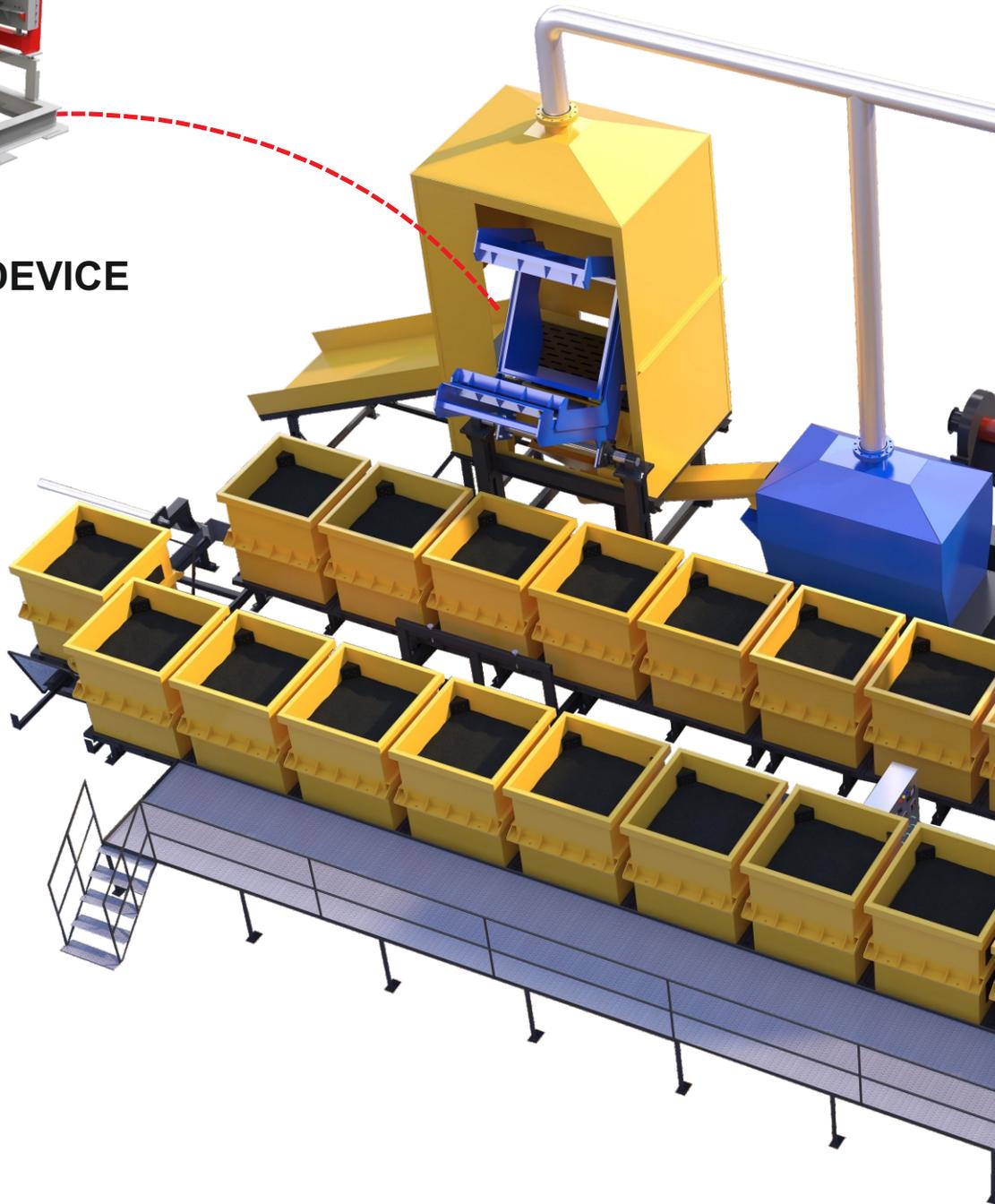
Track Line



Box Tilting System



**TILTING DEVICE**



**SAND COOLER**



**3D COMPACTION TABLE**



**VACUUM SYSTEM**

# APPLICATIONS OF EPS PATTERNS IN VARIOUS FIELDS



**Your every requirement of  
Lost foam casting process will  
be met by our best services, at all times.**



- Lost Foam Casting Technology Pvt. Ltd.
- Mane Electricals
- S R Thermocole (EPS) Packaging Pvt Ltd
- Amol Thermozell Light Weight Concrete
- Expandable Polystyrene (EPS) Machinery Export P. Ltd
- Mane Petroleum • V V Industries

**Add.:** EL 39/6, Electronic Zone, M.I.D.C.  
Bhosari, Pune - 411026. (MH) India.

**Mob.:** +91 98220 28760, 88888 45778

**Email :** [lostfoamcast@manegroups.com](mailto:lostfoamcast@manegroups.com)  
[maneelectricals@manegroups.com](mailto:maneelectricals@manegroups.com)

**Tel.:** 020 2712 3133, 5098, 5103

**Fax :** 020 2712 0239

**Web :** [www.lostfoamcast.com](http://www.lostfoamcast.com)  
[www.epsmachinery.com](http://www.epsmachinery.com)