

**BITUMEN DRUM DECANter**  
THERMIC FLUID HEATER **BITUMEN SUCTION PUMP**

**BITUMEN BAG DECANter**  
**BITUMEN STORAGE TANK**





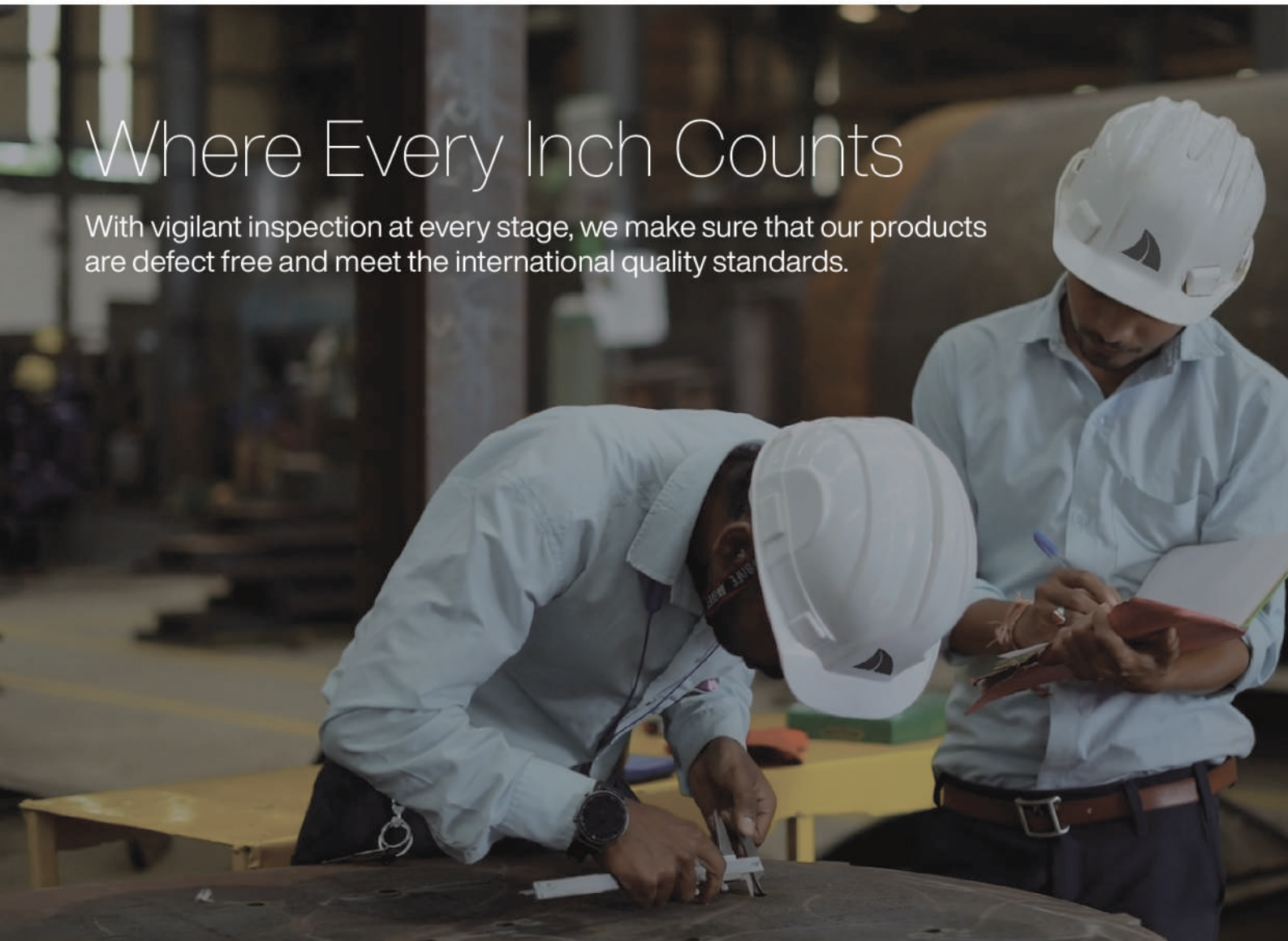
# Quality Assured, Satisfaction Guaranteed

We emphasize on the superior quality of construction machines for the satisfaction of our clients. The awe-inspiring response of our clients across the national and international market has encouraged us to raise our standards of excellence. We follow an efficient and severe quality control strategy to test our products, right from the stage of procuring raw materials to the final dispatch of manufactured products.



## Where Every Inch Counts

With vigilant inspection at every stage, we make sure that our products are defect free and meet the international quality standards.



# Exceeding Expectations, It's Our Promise



Above all logos, names are property of their respective owners.

## Milestones We're Proud Of

**400+**  
Installations World Wide

**225+**  
in India

**175+**  
in Globally

**30,00,00,000+**  
MT Bitumen Melted

Online Plant Intallations at Our **International** Project Sites.

# Indigenously Crafted, Globally Acclaimed



Ahmedabad, GJ



Biwani, HR



Chandigarh, PB



Gandhidham, GJ



Kutch, GJ



Chattral, GJ



Halol, GJ



Vadodara, GJ



Jaipur, RJ



Nagore, TN



Kolhapur, MH



Ludhiana, PB



Mathura, UP



Mumbai, MH



Mundra, GJ



Pali, RJ



Jaipur, RJ



Chandigarh, PB



Raipur, CG



Udaipur, RJ



Pali, RJ



Djibouti, Africa



Jakarta, Indonesia



Dhaka, Bangladesh



Storage Tank, Bangladesh



Dhaka, Bangladesh



Chittagong, Bangladesh



Dhaka, Bangladesh



Batulicin, Indonesia



Djibouti, Africa



Dakar, Africa



Nepal



Fiji

# Portable Type Bitumen Drum Decanter



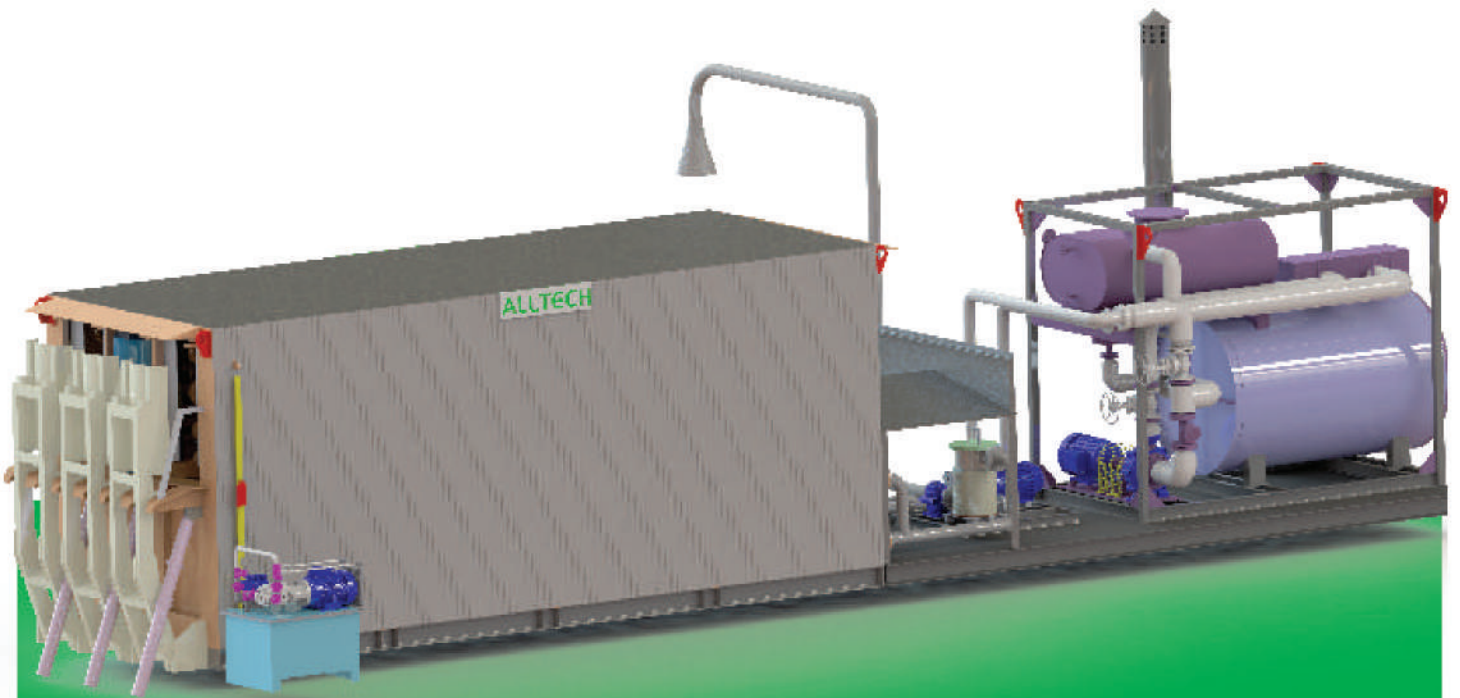
Pollution Free Tech



Most User Friendly Machine



Works Equally in Every Season



- Loading of Bitumen Drums by Hydraulically Operated Lifters
- Continuous Loading & Melting of Drummed Bitumen.
- Continuous Type of Heating System Saves Time.
- Erection and Commissioning Only in 2 Days.
- Less Foundation Area Required.
- Starts Melting in 2 Days.
- Easily Movable.



# Bitumen Drum Decanter

## A 2/5 Bitumen Decanter (Container Size)



## B 4/8 Bitumen Decanter (Stationery Size)



### A 2/5 Bitumen Decanter (Container Size)

MODEL	TAURUS	SAGITTARIUS
Melting/ Production Capacity in TPH (For 45 & 55 Gallon Drum)	2 to 3	4 to 5
Bitumen Reservoir capacity in Tons	8 Ton	11 Ton
Thermic Oil Heater Capacity in Kcal/hr4	3,00,000	5,00,000
Total Electric (KW) Power	16	25

### B 4/8 Bitumen Decanter (Stationery Size)

MODEL	LEO	AQUARIUS	CAPRICORN	SCORPIO
Melting/ Production Capacity in TPH (For 45 & 55 Gallon Drum)	4 to 5	5 to 6	6 To 7	7 to 8
Bitumen Reservoir capacity in Tons	9 Ton	13 Ton	13 Ton	14 Ton
Thermic Oil Heater Capacity in Kcal/hr4	400,000	500,000	500,000	600,000
Total Electric (KW) Power	20	20	25	28

- Lowest Melting Cost Per Ton.
- Based on High-Tech Global Design.
- Pollution Free Green-Technology.
- Fully Insulated by High Density Thick Rock-Wool.
- Continuous Type of Heating System Saves Time.
- Automatically Drum Lifting and Loading by Hydraulic System.

\*Melting Capacity are Subject to Weather Condition & Operating Skills.

# Thermic Fluid Heater

- Pre-wired, skid-mounted for easy installation.
- Effortless setup and commissioning.
- Compact design for minimal floor space.
- Centralized panel for easy management.
- Small size, big performance at 87% efficiency.
- Monoblock design achieves over 95% efficiency.
- Supports various fuels for versatile operation.  
-L.D.O./ Diesel/ Coal/ Wood/ Briquettes/ Noodles



# Bitumen Suction Pump

- Portable design for easy installation and efficient bitumen extraction.
- Advanced jacketed body for optimized pump performance.
- Reliably precise bitumen suction with our positive displacement system.
- Versatile options from 24m<sup>3</sup> for diverse suction needs.
- Efficient power duo – robust gear pump with a 10HP motor



# Wood Fire Heater

- The Alltech Heater comes with a special system to collect fly-ash, making sure it efficiently and consistently removes soot and fly-ash.
- Forget about the worries of fire or blast – the Alltech Heater is a safer choice compared to oil-fired heaters.
- Say goodbye to fuel supply pipelines, reducing the risk of leaks and preventing any fuel wastage with the Alltech Heater.
- Our Wood Fire Three Pass Heater is designed to make the most out of heat, minimizing any loss and keeping things nice and warm.
- Handling fuel becomes a breeze with the Alltech Heater, making storage and usage super easy for you.





# Bitumen Storage Tank



- Horizontal or Vertical Tanks
- Mono & Multi Compartment
- Suitable for Storage of Bitumen, Bitumen Emulsion and Light & Heavy Fuel oil.
- Various Standard Capacities Available up to 50 Ton
- Direct Heating or Thermal oil Heating in Bitumen Tanks.
- Electric Heating or Thermal Oil Heating in Heavy Fuel Oil Tank.

## Standard Capacity Available

- **Direct Heating Bitumen Tank**  
Horizontal - 20, 30, 40 & 50 Ton
- **Thermal Oil Heated Bitumen Tank / CRMB Tank**  
Horizontal - 30, 40, 50 Ton (30t Container Size Available)  
Vertical - 25, 35 Ton
- **Thermal Oil Heated Bitumen Tank / CRMB Tank**  
Horizontal - 30, 40, 50 Ton (30T Container Size Available)  
Vertical - 25, 35 Ton
- **Bitumen Emulsion Tank with Stirrer**  
Horizontal - 30, 40 Ton  
Vertical - 25, 35 Ton
- **Light Fuel Oil Tank- Horizontal/ Vertical**  
10, 20, 25, 30 KI
- **Heavy Fuel Oil Tank**  
Horizontal - 20, 30 KI  
Vertical - 25, 35 KI



# Bitumen Bag Decanter



Road paving bitumen is available now in plastic/polythin bags also, like in steel drums.

The Bitumen Bag is a self-stabilizing flexible container made of an outer plastic bag and an inner liner. It is suitable for packing bitumen in liquid condition at ideal product temperature. The inner liner bag is made of a meltable plastic film.

The bag is designed to carry complete safe 500kg/1,000 kg of road paving/ industrial bitumen, taking into account of the visco-elastic flow characteristics at (solid) storage and transport conditions.

Bag volume and shape are designed for maximum loading of normal seagoing standard containers and road trucks.

# Advantages Using Bitumen in Bags

- The Waste of left over Bitumen in Drum Approx. 1kg/182kg drum. Against this, bitumen(waste) in plastic bags is Zero.
- Melting of bitumen packed in plastic bags does not pollute environment as was normally feared.
- Empty steel drums are hard to recycle and resell, especially in long distance of locations for projects, bitumen in plastic bags, saves your big headache of reselling empty drums.
- The labour cost & fuel cost of melting bitumen in plastic bags is reduced.
- Due to more efficient heating system (only bitumen is heated & not steel drums); carbon emissions are reduced.
- Due to using & melting bitumen only when needed, the constant energy consumption to keep bitumen heated is avoided, which results again in lower carbon emissions.
- Due to cold shipment of cargo across the world, saving of more carbon emissions in comparison to bulk shipments, which requires constant heating during ocean voyage.
- The system is easy for shipping & storing bitumen.
- The bitumen is delivered & melted at your convenient locations.

# Specification Sheet

**We have Developed Bitumen Bag Melting Plants of Various Melting Capacities. ( 4 MT/Hour. - 12 MT/Hour.)**

- **Melting Rate : 6 TPH**
- **Type of Heating System : Indirect Heating by Hot Thermic oil**
- **Maximum Temperature For Bitumen : 150 °C**
- **Tank Capacity : 25 Ton**
- **Thermic Heater Capacity : 3,00,000 k.cal./ Hour**
- **Fuel : Diesel, L.D.O.**
- **Fuel Consumption : 25 Liter/Hour**

## ~ Core Competency.



Asphalt Batch Mix Plant (80-240 TPH)



Microsurfacing Machine



Counter Flow Drum Mix Plant (60-120 TPH)



Bitumen Bag Decanter (4-8 TPH)



Bitumen Drum Decanter (2-8 TPH)



RDSO Steel Girders (Heavy Engineering)



Emulsion, CRMB, PMB Plants



## ALLTECH INDUSTRIES INDIA PRIVATE LIMITED

Mfg. of Road & Civil Construction Equipment

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