

# BITUMEN DRUM DECANter

## Manufacturer of Road Construction Equipment & Machinery etc

- ◆ Paver Finisher
- ◆ Asphalt Drum Mix Plant
- ◆ Wet Mix Plant
- ◆ Concrete Batch Mix Plant &
- ◆ all Heavy Fabrication.
- ◆ Batch Mix Plant
- ◆ Bitumen Tank
- ◆ Bitumen Pressure Distributor
- ◆ Bitumen Boilers
- ◆ Mechanical Broomer

**ROYAL**  
INDUSTRIES

## ROYAL DRUM MELTING UNIT

The Drum Melting Unit has been specifically designed to guarantee a very efficient melting of bitumen drums prior to usage.

We have two models available : with a melting rate of about 5.000 and 8.000 kg/hr. This equipment is designed to continuously melt bitumen contained in standard drums of 200 kg/each, so to enable a constant supply of bitumen. If needed, a suitable hot oil heater can be installed on the same skid to provide the required hot oil for the melting process and make the unit independent from external hot oil sources.

ROYAL Drum Decanters and Melters are primarily used with asphalt mixing plants in territories where bitumen in bulk is either not available or regular supplier are unreliable and bitumen stored in drums is used as an alternative. ROYAL decanters are designed for ease of operation and provide the most efficient system for ensuring a high output of drummed bitumen.

Designed for use in association with bulk storage tanks the melted bitumen is automatically transferred from the decanter reservoir to the storage tank during the decanting process.

- Bitumen Decanting solutions for remote location. • Hourly throughput upto 5 to 8 tonnes per hour.
- Hydraulically operated Drum loading System. • Thermostatically controlled temperature.
- Float switch operated transfer of bitumen via pump. • Fully insulated and clad heating chamber.
- Static or mobile decanters available. • Easy to operate and simple to maintain.

MODEL	
Melting Rate	4 TPH
Type of Heating System	Indirect Heating by hot Thermic Oil
Max. Temperature for Bitumen	1500C
Tank Capacity	25 TON
Thermic Heater Capacity	3,00,000 K.cal/hr.
Burner	Pressure jet 2 stage (make-reilo/benton)
Fuel	Diesel/LDO
Thermic Oil Circulation Pump	16-20m <sup>3</sup> /hr (air cooled)
Thermic Oil Pump Drive Motor	7.5 kw (430 volt x 50 Hz)
Bag Lifting Electric Chain Hoist Cap.	2 Metric TON
Bitumen Transfer Pump	24m <sup>3</sup> /hr.
Pump Drive Motor (430 volt x 50 Hz)	7.5 KW

Due to continuous improvement,  
specifications  
are subject to change without notice.  
**Higher Capacity Plants are available  
on specific enquiry**

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