

Bitumen Drum Decanter

Type-4DD

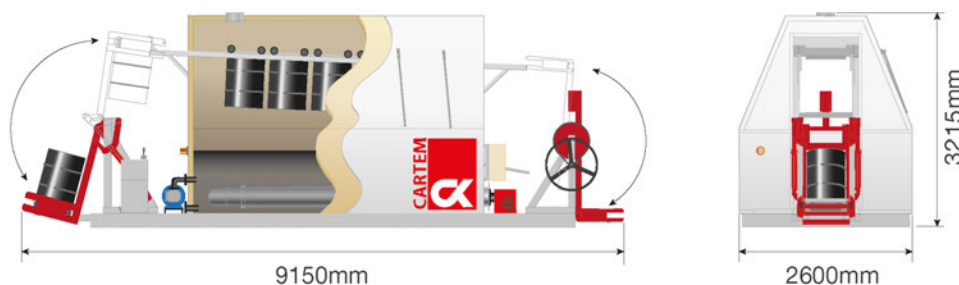


Quality Engineered
Excellence Since 1911

Bitumen Drum Decanter Type-4DD

- Decanting bitumen solutions for remote locations
- Hourly through-put up to 4 tonnes an hour
- Hydraulically operated loading system
- Ten drum trolleys supplied as standard
- Range of different heating options
- Thermostatically controlled temperature
- Float switch operated transfer of bitumen via pump
- Insulated and clad heating chamber
- Static or mobile decanters available
- Easy to operate and simple to maintain

Illustration shows a Type-4 bitumen drum decanter



NOTE: Travelling length = 7900mm

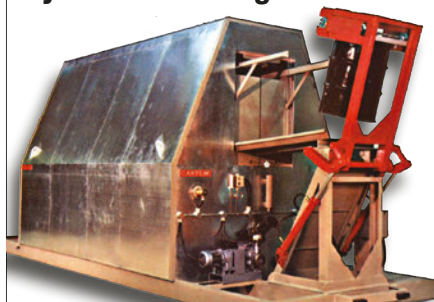
Parker Plant's drum decanters are primarily used with asphalt mixing plants in remote territories where bitumen in bulk supply is not available or, regular supplies are unreliable and therefore bitumen stored in drums is used as an alternative. The Type-4DD unit is intended to work alongside interconnected bulk storage tanks so that once the reservoir is full a pump automatically transfers the bitumen to be stored and heated to process temperature. The 4DD is the most widely used machine in the world for such an application and is capable of producing up to 4 tonnes per hour. Parker Plant have also developed the twin track Type-6DD which is capable of achieving 6 tonnes per hour.

Construction



- Robust and strong construction
- Unitised design for easy installation
- Carbon steel S235JR standard
- Leak tested

Hydraulic Loading



- Drums up to 200 litres in size with tops removed are secured to trolleys by drive pin method, they are then rolled on to the fork for inverting on to the gravity track

Off-loading



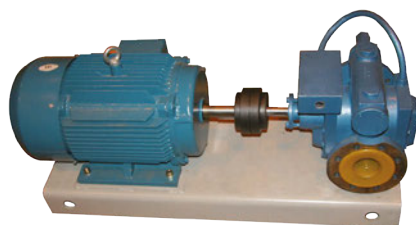
- A double stop mechanism is in place to allow greater control over the barrel and its exit from the decanter. A manually operated counterbalanced fork is all that is required to remove the empty barrel

Heating Method



- Two 240V fully automatic oil burners
- Or indirect thermal oil coils, the heat source being provided by a Cartem CHY oil heat exchanger

Transfer Pump



- Safe operating temperatures up to 250°C and pressures up to 100 psi
- DIN PN16 standard flanged connections
- Cast iron, harden steel shaft and packed glands

Controls



- Easy and simple to operate
- Digital temperature controller
- 24/7 time clock with backup power
- Contents level audio and visual alarms
- Thermostatically controlled

Parker Plant Limited, Viaduct Works, Canon Street, Leicester, LE4 6GH, United Kingdom

T: +44 (0) 116 266 5999 F: +44 (0) 116 261 0812 W: www.parkerplant.com E: sales@parkerplant.com

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