Parker
PLANT LIMITED

Advanced Bitumen Handling Technology:

- High degree of fabrication integrity
- Capacities of 30 - 100 tonnes
- Range of heating options available
- Thermostatically controlled temperature
- High density insulation and robust external finish
- Accurate continuous level indication
- Independent ultimate high level alarm
- East to operate & requires minimal maintenance
- Ideal for sites with height restrictions
- Rapid on site up times/ pre wired and tested

Bitumen Storage

Horizontal Bitumen Tanks

Quality Engineered
Excellence Since 1911

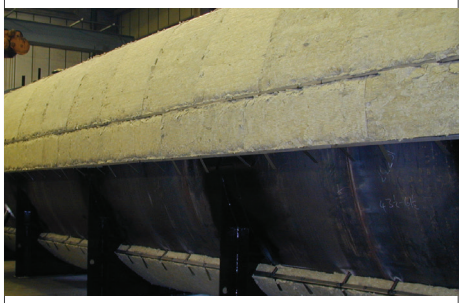
‘Cartemaxi’ Horizontal Bitumen Storage

Renowned for their durability and long service life Cartem horizontal tanks are available in a range of sizes from 30 – 100 tonnes. The tanks can be supplied with three types of heating system all fully thermostatically controlled and incorporating all necessary controls and safety systems. Electrically heated tanks are fitted with high efficiency ceramic bridge full length immersion heaters and are ideal for use where low cost off-peak electricity supplies are readily available. Thermal oil heated tanks incorporate internal heat transfer coils heated by a Cartem external heat exchanger and are ideal where electric supplies are limited or where gas or light oil are the primary fuel of choice. Direct oil fired tanks are heated using oil fired burners and can be used in any scenario.

Construction

- Fabricated cylindrical tank
- Submerged ARC weld inside & out
- Compliant to current **RBA** recommendations
- Carbon steel BSEN standard

Insulation/Finish



- Increased thermal retention
- Improved energy saving
- Weather-proof Galv/SS finish
- 100mm high density Insulation
- Staggered joints reduce heat loss

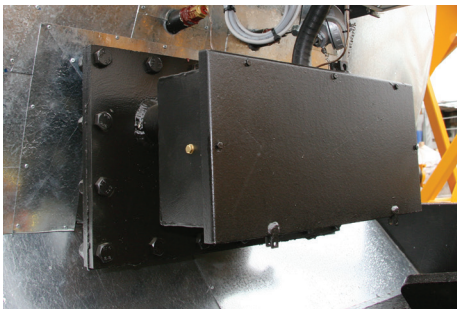
Pump & Pipe work

- Complete pipe work design and installation – a complete package
- Fill point traffic light indicators
- External or submerged bitumen pump options available

Range of Heating Options

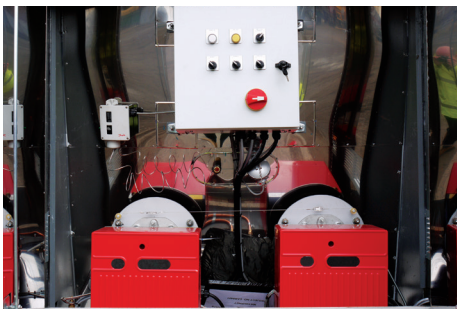
- Cartemaxi EH tanks are electrically heated and include the latest safety control systems. The heating nest consists of banks of individually removable ceramic heating elements that operate on a graduated switching system.

- Efficient heat transfer
- Low maintenance operation
- Replaceable high efficiency ceramic bridge elements
- Economical use of low tariff off-peak electricity supply



- Cartemaxi DOF tanks utilise direct oil fired heating that utilise fully automatic, thermostatically controlled burner systems and full safety systems.

- Efficient heat transfer
- Thermostatically controlled
- Suitable for remote locations with limited or no mains electricity supply



- Cartemaxi TOH tanks are heated using indirect thermal oil coils, the heat source being provided the Cartem CHY oil heat exchanger range allowing great flexibility in the design of a complete installation.

- Efficient heat transfer
- Thermostatically controlled
- Maximum temperature setting to reduce the risk of over heating the product
- Suitable for remote locations with limited or no mains electricity supply

Capacities, dimensions and performance data are subject to minor variations and are not contracted descriptions, therefore the company reserve the right to alter specification details as described herein.

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