

Cooling screws for thermal cleaning of tar asphalt

Celsius, of Drunen, the Netherlands, has designed and produced several screw-type heat exchangers for Van Bentum's Rotterdam recycling facility. The units are required to cool tar asphalt in a continuous process from 600° to 50°C. Tar is removed from the asphalt by heating to a high temperature. The noxious gases are also cleaned. This leaves a residue of clean sand, gravel and filler. To ensure a long service life, the heat exchangers incorporate extremely wear-resistant materials. Capacities vary between 4000 and 5000kg/h.

www.celsius.nl



One of the Celsius abrasion-resistant heat exchangers supplied to Van Bentum