

UHS Systems



Hygienisation / pasteurisation of biomass

This turnkey heat exchanger system for hygienisation of biomass was built for the customer on a frame.

On this frame there was installed the complete heat exchanger system - preheater, recoler, heater (2 x DT-154/104-6000-CB x 12 and 8 x DT-154/104-6000-CB).

The heat exchangers are interconnected by piping, valves and pump.

The modules are enclosed with PU panels.

All open hot areas are provided with a protective grille.

On site, the system only needs to be connected to the product and power line.



Installation of ground frame in workshop with first heat exchangers. On the right the circulation pump for the water loop and intercooler is installed.



Almost finished system in workshop.

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The finished system is lifted by crane.

For transport, the insulation was dismantled.

On site the insulation panels have just to be installed in the premounted bars.



The dimensions of the system correspond to the standard dimensions of the loading area of a truck.

Therefore no abnormal load transport is needed for the system.

Dimensions of system:

L x B x H = 7.000 x 2.400 x 2.400 mm

Leergewicht ca.:

7.000 kg

