

SPECIFICATIONS FOR SANDVIK MELT ADHESIVE MACHINE

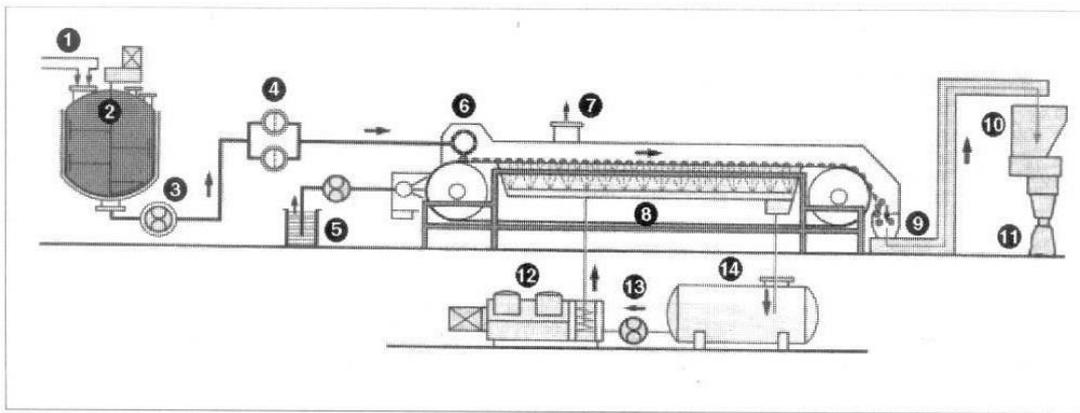
Background

Sandvik is a machine for the production and packing of melt adhesive flakes.

The product is used by all the packing industries on the local and global markets (including food and drugs plants). The machine usage includes three steps:

1. Production step – raw materials addition and emulsion preparation in the preparation tanks, under stirring and heating at 170°C
2. Adjustment of the application nozzle feeding while maintaining accuracy. Will be displayed on the belt
3. Packing step 10/ 20/ 30 kg

General drawing:



- | | |
|----------------------|--------------------|
| 1 – material feeding | 8 – cooling belt |
| 2 – mixer | 9 – pushing blower |
| 3 – pump | 10 – scales |
| 4 – double filter | 11 – packing |
| 5 – separation soap | 12 – chiller |
| 6 – injection nozzle | 13 – pump |
| 7 - release | 14 – water tank |

Technical specifications

Length: 10.1 m

Width: 2.2 m

Height: 1.7 m

Weight: 5000 kg

Production capability: 650 kg/hr

Feeding temperature: 170°C

Viscosity: 1,500 – 15,000 mpas

Cooling water temperature: 17°C

Cooling time: 0.94 min.

Conveyor speed: 8 m/ minute

Conveyor size: 20133*1*1500 mm

Electricity: 0.37 kW

Heating: steam under pressure of 3 bar, flow – 2m³/ hr

Preparation tanks: work volume 2 and 3 ton, with thermal oil heating jacket 220 °C



Feeding nozzle:



Cooling belt:



Cooling / chiller: 2 units – cooling temperature 10 °C



Thermal oil heating boiler: heating up to 220°C at 1m³ volume



Weighting and packing station: packing and welding polyurethane bags by weight



The machine is supplied with a User Manual, electricity layout and PLC control