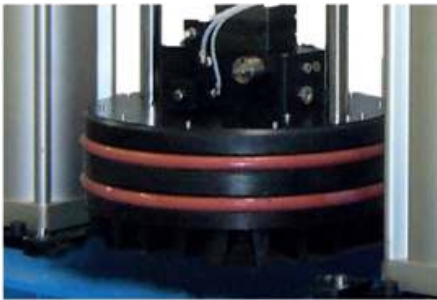


Drum Un-Loader

Idealtech Drum Melter

The Idealtech Drum Un-loaders have been designed for melting and dosing different kind of adhesives, like hot melt EVA, Pressure Sensitive, Polyamide and Polyurethane. A precise temperature control system is able to control and regulate separately each heating zone: the melting loader, the pump, the heated hoses and the automatic/ manual guns.

The standard version of the product can run 4 external heating zones, extensible up to 8 heating zones.



Melting plate



Gear pump



The Drum Line is the best solution for processing high quantities of hot melt, particular sealants or PUR-hotmelt. Moreover, in case of PUR, the closure of the melting loader and the air discharge system enable to preserve the adhesive from undesired filaments, caused by the contact with air humidity. gear pumps ensure a precise dosage of the adhesive.

The choice of the pump depends on the supply The capacity desired, so as the viscosity of the product used.



The sealing gasket can endure temperatures above 200° C. The double-gasket system guarantees a perfect adherence to the internal drum's surface. It's possible to run the machine's functions directly from the touch screen operator panel, such as:

- Temperature handling
- Control of pump's speed
- Switching on /off the system.

The level of the drum and possible failures/anomalies are automatically displayed.

The choice of the melting plate depends on the product type to be melted and on the melting rate required by the processing. The Drum melting system can be equipped with:



FLAT PLATE
characterized by an easy and rapid cleaning, suitable for low melting and PUR adhesives.



RIBBED / FINNED PLATE
thanks to the wider surface of contact, it's suitable for high melting adhesives. Recommended for adhesives with low fluidity and adhesives which require high melting.



The Drum Line can be predisposed on request for Tandem Work of two systems, avoiding production downtime due to the change of the drum.

Code	Melting Rate	Pump Rate	Type of Melting Drum	N° of pumps
DR - 20 - L1	Max melting 8 - 10 kg/h*	38 kg/h	Flat	1
DR - 20 - A1	Max melting 10 - 12 kg/h*	48 kg/h	Ribbed	1
DR - 200 - L1	Max melting 40 - 50 kg/h*	144 kg/h	Flat	1
DR - 200 - L2	Max melting 40 - 50 kg/h*	96 kg/h	Flat	2
DR - 200 - A1	Max melting 70 - 80 kg/h*	144 kg/h	Ribbed	1
DR - 200 - A2	Max melting 70 - 80 kg/h*	144 kg/h	Ribbed	2
DR - 200 - AH1	Max melting 100 - 120 kg/h*	192 kg/h	Finned	1
DR - 200 - AH2	Max melting 100 - 120 kg/h*	192 kg/h	Finned	2

* Melting for EVA adhesive. The melting rate depends on the adhesive used.