

Article Overview

European melting coil trays are specialized containers designed for safe storage, transport, or controlled heating of coils, available in both industrial and small-scale electrically heated versions.

Industrial Coil Storage Trays

European manufacturers like Lankhorst and Europack produce robust steel trays for storing and transporting steel coils. These trays are designed to handle heavy loads, with capacities up to 60 tons, and feature V-shaped supports or slope angles from 7° to 15° to stabilize coils and prevent rolling or damage during storage. Some trays, known as oiltrays, include a central groove to safely collect and drain oil from coils, keeping warehouse floors clean and safe. Heat-resistant versions are available for coils with temperatures up to 110°C, and installation is flexible, either fixed or free-standing on warehouse floors.

Lightweight and Customizable Trays

For delicate or precision components, lightweight European trays made from high-density EPS provide protection against mechanical damage, liquid contamination, and thermal exposure. These trays are reusable, customizable in size, color, and static/electrical discharge compliance, and can include foam-lined bases for sensitive coil types. They are ideal for transport and presentation of smaller coils or components.

Electrically Heated Melting Trays

For applications requiring controlled heating, such as melting chocolate or other materials, European suppliers like Prefamac offer electrically heated melting trays. These trays come in small capacities (2.5-8 liters for the JUNIOR model) or larger universal sizes (GASTRONORM), with mechanical or digital thermostats for precise temperature control. They are constructed from stainless steel, easy to clean, and do not require water, reducing the risk of contamination or material loss. These trays are suitable for small-scale industrial or trade fair applications where controlled melting is needed.

Choosing the Right Tray

When selecting a European melting coil tray, consider:

- o Load capacity: Heavy-duty steel trays for industrial coils vs. lightweight EPS trays for delicate components.
- o Temperature requirements: Heat-resistant steel trays or electrically heated melting trays for controlled heating.
- o Oil or liquid management: Oiltrays with grooves for draining fluids.
- o Customization: Size, material, and compliance with static or electrical discharge standards.

European Melting Coil Tray

o Mobility and installation: Free-standing vs. fixed installation, or portable electrically heated trays for small-scale use. European melting coil trays provide a versatile solution for safe storage, transport, and controlled heating, ensuring protection of coils and materials while optimizing operational efficiency .

Discover the Montz THORMANN® tray by Koch-Glitsch, ideal for scrubbing and vacuum distillations, ensuring minimal liquid loads

Kunststofftrays & Werkstoffträger vom Großserien-Hersteller anfragen. ESD-Trays, Automotive-Trays,

Old melting plants hold great potential for reusable plant parts and technologies that can be used. Current requirements for

Charging fixtures Charging systems, being the link between the workpieces to be treated and the furnace, straightening machine, or

MONTZ mass transfer trays are an integral part of thermal separation technology in chemistry and related industries. Many years of

So, e.g. melting cast iron or steel in a gas fired furnace, requires some additional oxygen. Electrical furnaces, regardless of type are

The KLP® Coil Storage and Transport Systems present a durable alternative for storage solutions made out of wood and steel.

COIL HANDLING / PACKING TRAYS Damage, rework and scrap currently adds to manufacturing costs, making companies

The Coreless Furnace The coil is central to the functioning of the coreless steel melting induction furnaces. This coil is a hollow piece

Find out more about indirect heating and how heat is transferred across a heat transfer surface including submerged steam coils and

Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling

We offer storage trays of various sizes. Standard size of 100x80x7 has the slope angle of 7°, also offered trays for storing coils of up

European Melting Coil Tray

High-Temperature Smelting: Designed for melting and casting metals such as gold, silver, and other precious materials, this graphite

Since then, tinplate has constantly taken advantage of dramatic improvements, especially over the past decades: improvements of

The Induction Melting Coil is really at the heart of this shift. As industries get more serious about boosting efficiency,

Read about What is a Heating Coil? Applications and Benefits in Induction Furnaces by leading manufacturer specializing in the

Web: <https://millstraining.co.za>

