

Trough charging machine TC



Movable – for charging contaminated scrap to
hearth and multi-chamber melting furnaces
with closed charging trough and hood

- Modern design ensures a safe investment
- Fast charging
- Charger to furnace docking hood (no fumes)
- High performance: Charging weights of 3 to 12 t



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Movable – for charging contaminated scrap to hearth and multi-chamber melting furnaces with closed charging trough and hood

Series with loading weights from 3 to 12 t:

The trough charging machine TC is a rail-based design. The system is a closed design (charging trough and hood), out of which flue gasses are extracted. This system is particularly suitable for use with multi-chamber furnaces.

Applications

Ideal for contaminated scrap, in-house scrap, T-bars, profile residues, packages and ingots.

Advantages:

- Modern design ensures a safe investment
- Adaptation of structure sizes to the furnace
- Automatic operation
- Extraction of charging fumes during operation
- Option
 - Weighing of scrap
 - Charging of several furnaces in a row
 - Visualization and data exchange with the furnace system

Fast charging – with enormous capacity

Large scrap quantities can be loaded in the shortest possible time with the trough charging machine TC – without fume formation and only a low maintenance requirement.

Drive

The machine is equipped with an electrical drive system; all other functions are hydraulic.

Design

- Heavy engineering-design: Robust and solid
- Rail-based design
- Tracks can be arranged either transversely or longitudinally to the furnaces



1. Charging machine TC (5t)
2. Charging machine TC with hood docked on the furnace
3. Charging machine TC during loading

An overview of our industrial furnace products:

- MultiMelter®
- EcoMelter®
- Charging furnace GO
- Rotary drum furnace DKO
- Charging SC/TC
- AluTreat®

