

CHARGING MACHINE OULQ MOVABLE IN TWO DIRECTIONS



APPLICATION AND FUNCTION:

JÖST charging machines OULQ are tough foundry-like designed machines, which are built to fulfil today's requirements with fully developed and sophisticated construction. Such a machine is able to charge multiple furnaces if the furnaces are arranged inline. After the machine has reached the correct location of the demanded furnace in the y-axis, it moves towards the furnace in the x-axis and starts to charge it.

Generally the hopper volume is dimensioned in a way that the furnace can be fully charged with one single batch.

DIMENSIONS:

According to the application main details of the design are different.

There are main different designs which can be distributed to the following applications:

- Inductions furnaces (for ferrous materials)
- Rotary drum furnaces (light alloys)

PROPERTIES:

- hopper and feeder are built like a sandwich to reduce noise
- optimised vibrating parameters ensure quiet conveying
- optimised exits of hopper and feeder help avoiding blockage
- flap at exit avoids material flowtrough.
- the travelling frame is made of easily available standard parts
- the front docking geometry is adapted to the furnace lid and the furnace-platform
- energy supply can be chosen either via cable drum, trailing cable or energy chain
- optional with additive hopper bin with shell discharge flap
- planning security through 3D construction