

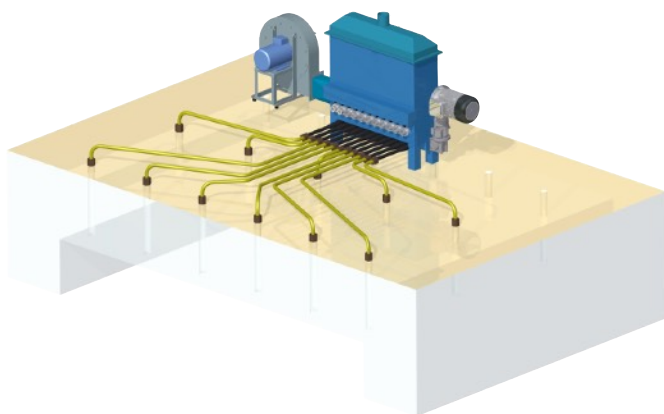
BURNER model ECO



The burner **ECO** is a feeder-dispenser of solid powder fuel available in two versions: wheeled for Hoffman kilns and static for tunnel kilns. Its function is to introduce the fuel in the kiln, of appropriate granulometry, in suspension of ventilated air.

The burner provides a homogeneous and continuous mixture air / fuel ratio which can be varied in correspondence with the different firing points, to facilitate the uniformity of combustion in the entire section of the tunnel, according to the temperature settled. The adjusting of the flow of the fuel is obtained in a mechanical way, by varying the passage section between the loading hopper and the feeding and dosing system.

Data sheet	
Fuel granulometry	0,8 / 4 mm
Installed electrical power	3 / 5 kW
Tank autonomy	~ 2 h
Air flow for each firing point	90 mc/h
Firing points each burner	8/16
Potentiality for each firing point	5 / 12 Kg/h
Kind of firing point	Aisi 310s



Each burner ECO is complete of::

- Level indicator to ensure the continuous operation of the machine.
- Bridgebreaker electro-mechanically actuated.
- Gearmotor powered by an inverter for the dosing of the firing points.
- High efficiency centrifugal ventilator.
- Safety pressure switch for air.
- Series of stainless steel lances.
- Series of mouthcovering.
- Series of distributors/ conveyors mixture.
- Series of devices for the exclusion from the normal operation of each distributor.
- Series of flexible pipes that connect the distributor to the firing points.
- Tank/ lung with inspection door.
- Electric panel for management.

