

## SOLO 322-10-100

**Kind : Belt oven**  
**Manufacturer : SOLO**  
**Model : 322-10-100**  
**Stock : P2445**



System composition : - 1 inlet frame with loading space and inlet channel - 1 heated section with : - 2 heating zones - light ceramic fiber insulation - glow plugs on top - one heating channel - conveyor belt drive element - 1 cooled section with : - a frame - a cooling channel with water jacket - 1 outlet frame with unloading place and outlet chimney - 1 3-part conveyor - 1 gas distribution cabinet - 1 electrical cabinet

### TECHNICAL DETAILS

- Belt width	: 100 [mm]
- Max. loading height	: 50 [mm]
- Max. temperature	: 1150 [°C]
- Adjustable belt speed	: 5 - 100 [cm/min]
- Max. belt load	: 3 [kg/m] à 800 [°C] / 1.2 [kg/m] à 1100 [°C]
- Heating length	: 1000 [mm]
- Cooling length	: 1800 [mm]
- Shielding gas	: Nitrogen / Dihydrogen
- Shielding gas flow	: 2 [Nm <sup>3</sup> /h]
- Purge gas	: Azote
- Purge flow rate	: 1.8 [Nm <sup>3</sup> /h]
POWER SUPPLY	
- Supply voltage	: 400 [V]
- Total installed power	: 11.5 [kW]