



Non-contractual photo



SOLO[®] BELT SERIES

THE COMPACT FURNACE FOR SINGLE OR DOUBLE BELT FOR HEAT TREATMENT PROCESSES UNDER HYDROGEN

New double-belt and single-belt furnace for brazing, bright annealing, and hardening processes of martensitic stainless steels.

- Temperature range up to 1100°C.
- 100% H₂, N₂/H₂, N₂ or Ar, N₂+3H₂ atmospheres (with ammonia cracker option).
- Suitable for brazing, bright annealing, and hardening of martensitic stainless steels.
- Double belt independently motorised: simultaneous processing of two types of parts.
- 4.0 intelligent control system with flow, temperature, and H₂ safety regulation.
- Compact size, easy maintenance and customised to your production needs.

WATCHLINE

MEDLINE

MICROLINE

INNOVATION ET PERFORMANCE

- New dual-belt architecture.
- Complete accessibility for maintenance.
- Complete modularity: dimensions, belt speed & adjustable thermal profiles.
- Workstation ergonomics: adjustable loading height.
- Smart 4.0 control with consumption monitoring, cycle traceability, maintenance alerts, and ERP/MES connection.
- Two independent exhausts.
- No visible flames even under flammable gases.

TECHNICAL CAPABILITIES

BELT XS DUO	Useful dimensions: Length of heating channel : 750mm Useful width of belt : 70mm / Useful height : 30mm Exterior dimensions: L x W x H : 4070x1145x1530mm	BELT S DUO	Useful dimensions: Length of heating channel: 800mm Useful width of belt: 100mm / Useful height: 40mm Exterior dimensions: L x W x H : 4220x1145x1530mm
BELT XS MONO	Useful dimensions: Length of heating channel: 750mm Useful width of belt: 70mm / Useful height: 30mm Exterior dimensions: L x W x H : 4070x1145x1530mm	BELT S MONO	Useful dimensions: Length of heating channel: 800mm Useful width of belt: 100mm / Useful height: 40mm Exterior dimensions: L x W x H : 4220x1145x1530mm
BELT M MONO	Useful dimensions: Length of heating channel: 1600mm Useful width of belt: 200mm / Useful height: 40mm Exterior dimensions: L x W x H : 6620x1145x1530mm	Possible dimensions adaptable to customer process/ request	



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