

Checklist Industrial furnaces

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In order to advise you properly and to make an offer suitable for your needs, we kindly ask you to answer the following questions as far as possible. We thank you in advance for your response.

01

Contact details

Company: _____

Name: _____

Tel.-No.: _____ Fax-No.: _____

E-Mail: _____

Street: _____ House number: _____

ZIP Code: _____ City : _____

02

For which application do you need the equipment?

Aging

Annealing

Glowing

Hardening

Tempering

Drying

Preheating

Storing

Miscellaneous: _____

03

Dimensions

Internal Dimensions
(Minimum)

W: _____ mm D: _____ mm H: _____ mm

Installation Area
(Maximum)

W: _____ mm D: _____ mm H: _____ mm

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04 Determination of temperature range

Lowest initial temperature _____ °C
Maximum final temperature _____ °C
Temperature distribution _____ °C
Heating period/ process duration _____ / _____ minutes
Temperature at installation site _____ °C

05 Heating

Electrical Gas directly Gas indirectly
 Oil directly Oil indirectly Hybrid
Electrical supply: _____ Volt _____ Hz

06 Description of chamber load

Material _____
Size _____ mm X _____ mm X _____ mm
Batch quantity _____ pieces _____ per batch
Weight _____ kg

07 Do heating-and drying processes lead to the release of combustible materials (e.g. solvents)?

yes no

Which type of combustible materials and how much of these (in g/h) are released?

Designation: _____ Quantity: _____ g/h

08 Does the drying process lead to the release of condensate quantities?

yes no Quantity: _____ ml

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09

Control systems

Fixed-setpoint controller yes no
 Program controller yes no Number of Programs: _____
 Recorder yes no Digital or Paper
 Number of flexible sensors: _____

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Interior equipment

Chamber floor at ground level trafficable isolated non-insulated
 Track rail (track centre spacing/roll width) approx. _____ / _____ mm
 Ram protection rear panel yes no
 Pedestals/ tail lift recess yes no approx. _____ mm
 Charging trolley yes no quantity: _____ pieces
 Platform wagon yes no quantity: _____ pieces
 Grid yes no quantity: _____ pieces
 Feeder bowls yes no quantity: _____ pieces
 Inspection glass yes no quantity: _____ pieces
 Test room lighting yes no
 Pipe penetration yes no quantity: _____ / _____ ø

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Materials of equipment

	External housing	Useable space	Grids
Steel / hot-dip aluminized	nl.	<input type="checkbox"/>	nl.
Steel / galvanized	<input type="checkbox"/>	nl.	<input type="checkbox"/>
Stainless steel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plastic (temperature-resistant)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Is an on-site-provided extraction system available?

yes no

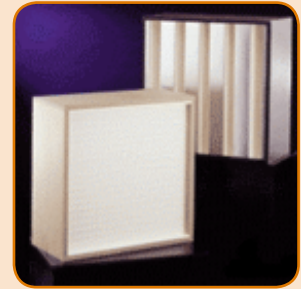
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13 Filter

Shall the fresh air directed to the useable space of the furnace be filtered?
Which filter class is desired?

yes no



Coarse dust EU 3

Fine dust EU 4

Fine dust EU 7 to EU 8

Suspended matter filter systems

yes no

yes no

yes no

yes no

14 Planned installation site

Indoor

outdoor

covered

15 Delivery

Ex works

free home

free place of use

16 Notes

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