

QUESTIONNAIRE FOR STEEL BELT COOLER AND FEEDING SYSTEM

Issue: _____ **Date:** _____

Inquiry for a test: Yes/No

Inquiry for a quotation:

Yes/No

Details of Customer :

Name of the company:			
Address:			
ZIP:	city:	country:	POB:
phone :	fax :	Email:	
person to contact:			
first name:	second name:	title:	
Person in charge of:			

1. Product data:

1.1. Product type:

Chem. Name (if possible formula): _____

Melting temperature: _____ Softing point: _____ °C

Maximum allowable temperature of molten material: _____ °C

What is the product used for: _____

1.2. Specific Heat Capacity:

- when liquid: _____ kJ/kgK

- when solid: _____ kJ/kgK

1.3. latent heat of heat of fusion: _____ kJ/kg



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1.4. Thermal Conductivity:

- when liquid: _____ W/mK
- when solid: _____ W/mK

1.5. Feeding data:

Temperature: min: _____ °C max: _____ °C
Material Condition: liquid paste powder
 sheet other: _____

Viscosity 1: _____ mPas (cPs) at _____ °C
Viscosity 2: _____ mPas (cPs) at _____ °C
Specific gravity: _____ kg/dm³

1.6. Required conditions at discharge :

Temperature: _____ max. _____ °C

Required shape of product when it is discharged:

sheet strips/slaps flakes
 pastilles Bags other _____

Thickness: mm

Product size: min. _____ mm max _____ mm

Diameter of pastilles: min _____ mm max _____ mm

Bulk density: _____ kg/dm³

1.7. Product properties:

	Yes	No
- with solvent	<input type="radio"/>	<input type="radio"/>
- with filler	<input type="radio"/>	<input type="radio"/>
- hygroscopic	<input type="radio"/>	<input type="radio"/>
- oxidizing	<input type="radio"/>	<input type="radio"/>
- abrasiv	<input type="radio"/>	<input type="radio"/>
- explosive	<input type="radio"/>	<input type="radio"/>
- toxic	<input type="radio"/>	<input type="radio"/>
- flammable	<input type="radio"/>	<input type="radio"/>
- corrosive	<input type="radio"/>	<input type="radio"/>
- Material safety data sheet enclosed	<input type="radio"/>	<input type="radio"/>
- other _____		

1.9. Does the product have supercooling properties:

Yes No



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2. Utilities:

2.1. Cooling water:

source: O process water O cooling tower _____ °C
O tab (drinking) water O chiller _____ m³/h
O other _____

temperature: summer _____ °C winter _____ °C
volume: min. _____ m³/h max. _____ kg/h

2.2. Steam:

temperature: _____ °C _____ °C
pressure: _____ bar flow: _____

2.3. Thermal oil: (mineral/synthetic)

pressure: _____ bar temperature: _____
volume: _____ m³/h

2.4. Electric supply:

_____ Volt _____ Phases _____

3. Other data:

3.1. Required capacity: _____ kg/hr

3.2. material of belt:

- NICRO 12.1
- NICRO 31
- NICRO 22
- other: _____

3.3. Does the unit have to be EX-proof?

O Yes O No

If yes, which XP-proof standard(class)?

3.4. Space limitation:

length _____ m
width _____ m
height _____ m



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3.5. Ambient temperature :

summer: _____ °C winter _____ °C

3.6. Purpose of this inquiry

- _____ new plant
- _____ additional line
- _____ replacement
- _____ others

3.7. desired time of delivery: _____

3.8. Existing production line, unit, equipment

Final product material: _____

Final product shape: _____

Final product size: _____

machine supplier: _____

size of the unit: _____

3.9. Engineering assistance required YES/NO

4.0. Up- and downstream equipment desired YES/NO

4.1. Special requirements:

4.2. Requested equipment:

- | | | |
|-----------------------------------|--|---|
| <input type="radio"/> steel belt | <input type="radio"/> steelbelt cooler | <input type="radio"/> breaker |
| <input type="radio"/> dropformer | <input type="radio"/> double belt cooler | <input type="radio"/> powder coating system |
| <input type="radio"/> stripfeeder | <input type="radio"/> other _____ | |
| <input type="radio"/> weirfeeder | _____ | |

4.3. Notes:
