QUESTIONNAIRE

for the instrumentation of the plasticity control in a preparation / shaping in the heavy clay industry with a NOVATRONIC control system. These information necessary and basis for the preparation of a quotation, manufacturing and configuration for an ordered system.

Customer:

Adress:

Plant:

Phone: Telefax:

Contact person:

Manufactured products:

(for example roof tiles, bricks, etc.)

For the instrumentation provided product line:

hourly output:

1. MACHINERY EQUIPMENT

DOUBLE SHAFT MIX

Type:

Motor data:

Current range:

controlled with frequency inverter ◯ Yes ◯ No

DC or AC, by frequency inverter output signal for the current consumption with advice of the measuring range in A

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. ? A

= A

SIEBRUNDBESCHICKER

Type:

Motor data :

Current range:

controlled with frequency inverter ◯ Yes ◯ No

DC or AC, by frequency inverter output signal for the current consumption with advice of the measuring range in A

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. ? A

= A

SINGLE SHAFT MIXER

Type:

Motor data:

Current range:

controlled with frequency inverter ◯ Yes ◯ No

DC or AC, by frequency inverter output signal for the Current consumption with Advice of the measuring range in A

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. ? A

= A

KOLLER / MILL

Type:

Motor data:

Current range:

controlled with frequency inverter ◯ Ja ◯ Nein

DC or AC, by frequency inverter output signal for the Current consumption with Advice of the measuring range in A

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. ? A

= A

SCREW PRESS / EXTRUDER

Type:

Motor data:

Current range:

controlled with frequency inverter ◯ Ja ◯ Nein

Pressure:

Pressure temperature:

2. ADDITIVES

Water: Steam: Dry materials:

DOSING WATER

Water min.: Water max.:

Water pressure:

Pipe diameter in inches:

Water origin: ◯ Silo ◯ Well - Pump ◯ Public network

DOSING STEAM

Steam quantity min.: Steam quantity max.:

Steam pressure (bar) min.: max.:

Steam temperature:

Pipe diameter in inches:

DOSING DRY SUBSTANCES

Kind:

Type:

Drive in KW:

3. MOISTURE CONTROL

Moisture before regulation:

min (% atro)

max (% atro)

desired moisture (% atro)

atro = absolut dry

4. WEIGHTING

Additonal connection of a belt scale

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. ? t / h

_____ = _____ t / h

5. SET POINT

Additional connection for an external set point for the pressure by PLC

0/4 … 20 mA DC or 0 …10 V DC = 0 …….. 25 bar / 40 bar

_____ = _____ bar

6. OIL PRESSURE (bar) by dies lubrication

Min.: _____ max.: _____

(only if cascade control or stiff extrusion)

7. OTHER CUSTOMER REQUIREMENTS FOR THE SYSTEM

8. WHAT IMPROVEMENTS OVER THE CURRENT SITUATION, ONE SHOULD USE THE NOVOTRONIC CONTROL SYSTEM WILL BE SCORED?