

Enquiry form for CAVITRON machines

In order to process your enquiry efficiently, please describe your application in as much detail as possible. We will of course treat your answers in the strictest confidence.

1. Customer data

Company name _____

Contact person _____

Department/Function _____

Address _____

Postcode Location _____

Country _____

Tel. _____ Email _____

City/ Country of the permanent establishment _____

Your project description _____

2. Description of the task

3. Product composition

product	description	liquid	solid	powder	fibres	quant.	share	particle size	primary grain	agglomerate
						Kg/Ltr.	%	mm/ μ m	mm/ μ m	mm/ μ m
1										
2										
3										
4										

5. Other product/process properties

Inlet temperature _____ °C

Inlet Viscosity _____ mPAs (=cP)

max. authorized temperature outlet _____ °C

Corrosive (ph-Value) _____

Abrasive no yes

Toxic no yes

Tends to foam no yes

Tends to stick/clump together no yes

Explosive/ flammable no yes

Others: _____

5. Process objective

Crushing Emulsifying Homogenizing Dispersing Mixing Cooking
 Dissolving Reacting De-typing Polymerisation Neutralisation Saponification
 Others: _____

Required finished quantity/ h _____
 Max. particle size/ primary grain _____

6. Operating mode

In batches (batch) Circulation (batch) in a passage (continuously) irrelevant

7. Process engineering on site

Feeding CAVITRON machine geodesic feeding screw Pump
 others: _____
 Inlet pressure _____ bar Funding level _____ m
 Back pressure (at outlet) _____ bar
 Flanges DIN ANSI
 Existing nominal pipe sizes Inlet _____ Outlet _____

8. Preferred drive type

Coupling V-belt Frequency inverter irrelevant

9. Material

Product contacted parts 1.4408/1.4571 (standard) others: _____
 Secondary seals FKM (Viton) EPDM FFKM (Kalrez)
 others: _____

10. Electrical supply at the location

Voltage _____ Volt
 Frequency _____ Hz
 Protection type (IP) _____
 Ex-protection no yes
 If yes: Ex e Ex de

11. For use in explosion-protected areas*

Zone (0, 1, 2, 20, 21, 22) _____
 Ignition energy (I, IIA, IIB, IIC) _____
 Temperature class (T1-T6) _____
 Ambient temperature _____

* It is the responsibility of the operator to define the requirements for devices for use in potentially explosive atmospheres. The operator is responsible for the classification.

11. Required accessories

Multi-component feed Injections into product space
 Heating/cooling jacket Hydraulic opening of CAVITRON machine
 Other system components: _____

12. Additional remarks / further information

Supplementary descriptions and layouts are attached no yes