ENQUIRY REPORT

Gericke

Attention:	**Enquiry ref:** E
From:	**Sheet:** 1 **of**
Enquiry date:	**Group:**
Standard O **Plant** O	**Site:**
Sales area	**Action:**
Original Enquiry ref: E	Quotation O Re-quote O Advise O
Original Enquiry date:	Literature O Technical information O
Company:	Mailing List O None O
	Price: Fixed O Budget O O.O.M O
Address:	**Quote required by:**
	Capital Approved: Yes O No O
	Reason: Order to place O
	Capex O Feasibility O
	Scope: Supply only (ex Works) O
Post Code:	Delivery to site O
Switchboard:	FOB O CIF O
Fax:	Controls O
Contact:	Mechanical Installation O
Position:	Site Wiring O
Direct tel:	Commissioning O
Direct fax:	CDM O
e-mail:	**Delivery required by:**
Mobile:	**Commercial conditions:**
Ultimate customer:	
Project/Cust. ref:	
Market: Food O Chemical O Plastic O	**Payment terms:**
Pharmaceuticals O Cosmetics O	
Minerals O Resale O Group O	**Documentation requirements**
Source:	
Visit O Post O Fax O Tel O	
e-mail O Website O Exhibition O	**Quote** O **Reject** O
Group O Agent O Journal O	**Action Acknowledged:**
Priority: High O Medium O Low O	**Proposals Engineer:**
Probability of order: 90% O 50% O 30% O	**Action Approved:** **Date:**
Order expected:	**Quoted**
Competition:	**Rev:**

ENQUIRY REPORT

Gericke

MATERIAL DETAILS | **ENQUIRY REF: E** | **Sheet 2 of**

Material Name:

Trade Name:

Bulk density:

Loose: kg/l Tapped: kg/l

Supplier:

Material Class: ① ② ③ ④ ⑤

Angle of repose: o

Explosion Hazard: Yes O No O

Moisture content (by wt): %

KST rating:

Material temperature: °c

MIE rating: MJ

Environmental temperature: °c

MIT rating: °c

Oil content: %

Maximum particle size: mm

Fat content: %

Particle size distribution: (micron)

Particle shape:

Dust O Powder O Pellet O

Granule O Flake O Fibre O

Flow characteristics:

Free O Easy O

Medium O Poor O

General properties:	Yes	No	H	M	L
Abrasive	O	O	O	O	O
Corrosive	O	O			
Adhesive	O	O			
Cohesive	O	O			
Hygroscopic	O	O			
Fragile	O	O			
Friable	O	O			
Fluidisible	O	O			
Compressible	O	O			
Dusty	O	O	O	O	O
Toxic	O	O			
Hazardous	O	O			

Testing	Yes	No
Trials required	O	O
Product sample available	O	O
Product data sheet completed	O	O
COSHH sheets available	O	O
Test application completed	O	O

Sample retained by:

Important:

Gericke product data sheets and Clients COSHH sheets must be forwarded 3 days prior to despatching samples, and a copy must accompany the sample.

Notes

ENQUIRY REPORT

Gericke

APPLICATION DETAILS | **ENQUIRY REF: E** | **Sheet 3 of**

Process type:

Continuous O Batch O

Continuous process rates: kg/hr litres/hr

Minimum _____ _____

Maximum

Batch process:

No. of batches per hour: _____

Specified batch time: Maximum _____ mins

Minimum _____ mins

Exact batch time required:

Yes O No O

Delay between batches: _____

kg litres

Minimum batch size: _____ _____

Maximum batch size: _____ _____

Batch accuracy +/- _____ %

Tolerance (grams) + -

Ingredients

Total number of ingredients: _____

Maximum number of inclusions in any one recipe: _____

Minimum inclusion size _____ kg

Maximum inclusion size kg

Weighing required: Yes O No O

Plant location:

Inside O Outside O

Is weather protection required

Yes O No O

Product in feed to equipment/plant:

Product discharged into:

Plant operating hours:

Is segregation a concern: Yes O No O

Is degradation a concern: Yes O No O

Are there frequent product changes:

Yes O No O

How often are the product changes:

How often is the equipment cleaned:

Method of cleaning equipment:

Dry O Wet O CIP O

Will plant equipment be affected by vapours or fumes from the process: Yes O No O

Is any part of the connecting plant subject to pressure or vacuum Yes O No O

If yes, what is the pressure: _____ MMWg

(Bar g)

Notes

ENQUIRY REPORT

Gericke

CONSTRUCTION DETAILS | **ENQUIRY REF: E** | **Sheet 4 of**

Materials	Contact parts	Non-Contact parts	Structures
Carbon steel	O	O	O
304 Stainless steel	O	O	O
316 Stainless steel	O	O	O
316L Stainless steel	O	O	O
Aluminium	O	O	O
Other (specify below)	O	O	O

Surface Finishes	External	Internal	External	Internal	External
Carbon steel mill finish	O	O	O	O	O
Epoxy coated RAL 9010	O	O	O	O	O
FDA Corvel white	O	O	O	O	O
Stainless steel mill finish 2B	O	O	O	O	O
Beadblast	O	O	O	O	O
180 grit	O	O	O	O	O
240 grit	O	O	O	O	O
320 grit	O	O	O	O	O
Mirror polished	O	O	O	O	O
Other (specify below)	O	O	O	O	O

Electrical Specification

Power supply: _____ v _____ ph _____ Hz

Singe phase supply: _____ v _____ ph _____ Hz

Control voltage: _____

Enclosures: IP _____ Class _____

Electrical conditions: Safe O Hazardous O

Zone: _____

Gas groups: _____

Temperature rating: T _____

Plant environment: Safe O Hazardous O

Control panel site: Safe O Hazardous O

Panel distance from equipment: mtrs

Plant Specifications

PLC type: _____

Mimic: Yes O No O

Graphics: Yes O No O

Compressed air available: Yes O No O

Supply: _____ m^3/hr _____ Bar

Explosion protection:	Yes	No
Gericke to supply	O	O
Venting	O	O
Suppression	O	O
Containment	O	O

Preferred suppliers:

Notes

ENQUIRY REPORT

Gericke

ENQUIRY DETAILS	ENQUIRY REF: E	Sheet of

Process description/notes/comments

ENQUIRY REPORT

Gericke

PROCESS FLOW SKETCH	ENQUIRY REF: E	Sheet of

ENQUIRY REPORT

Gericke

PNEUMATIC CONVEYING	ENQUIRY REF: E	Sheet of

Instantaneous conveying rate: kg/hour

Conveying Distance (metres): Horizontal: Vertical: Bends:

Number of pick up points:

Conveyed from:

Feed into system: Controlled O Flood feed O Semi-flood feed O

Number of delivery points:

Conveyed to:

Conveying requirements:	Yes	No
Conveying without segregation	O	O
Conveying without degradation	O	O
Continuous conveying	O	O
Batch conveying	O	O
Is vessel determined by batch size	O	O
Requirement for exact batch time	O	O
Is product retention critical	O	O

Number of batches per hour:

Delay between batches:

How is the product conveyed at present:

What are the problems with this system:

Maximum height at pick up point: mm

Gas consumption: Critical O Important O Not important O

Conveying Gas: Air O N^2 O CO^2 O

Start up with full line: Yes O No O

Does the conveying gas supply exist: Yes O No O Pressure: Bar g

Conveying system: Lean phase O Vacuum O Dense phase O

Scope of supply:	Yes	No	Inside	Outside
Vessel	O	O	O	O
Pipework	O	O	O	O
Receiving Hopper	O	O	O	O
Diverter Valves	O	O	O	O
Filters	O	O	O	O
Level Probes	O	O	O	O
Limit Switches	O	O	O	O

ENQUIRY REPORT

Gericke

SIFTING | **ENQUIRY REF: E** | **Sheet of**

Instantaneous processing rate: kg/hour litres/hour

Number of fractions: Single Cut O Multi cut O

Sifter type: Centrifugal O Flat deck O

Sifting application: Policing O Classification O

De-dusting O De-agglomeration O Gentle handling O

Feed into sifter: Controlled O Flood feed O Semi-flood feed O

Feed device:

Sifter delivers to:

Expected Oversize: % *Please state particle size distribution on material data sheet 2*

Screen size(s) (Microns):

Screen material: Nylon HC O Nylon HD O Polyester O HCCF O

Woven Wire O Wedge Wire O Perforated plate O Others O

Location: Inside O Outside O

Is cleaning/cross contamination important Yes O No O

Options:

Side access door: One O Two O

Top access door: Yes O No O

Door type: Bolted O T' bar O

Flush fitting door: Yes O No O

Hoppers: Fines O Overs O Integral O

Outlet details: _____

Level probes: Fines hopper O

Overs hopper O

Quick release shaft: Yes O No O

Fully welded paddle assembly: Yes O No O

Basket type:

Full length O 2 x 1/2 O 3 x 1/3 O

Inlet cleaning door: Yes O No O

Restricted end plate: Yes O No O

Seal type: Lip O Air purge lip O

Air purge Nylube O

Metering worm: Yes O No O

Air take off casing: Yes O No O

Support stand: Yes O No O

Fixed O Mobile O

In-line applications:

System manufacturer: _____

System type: Vacuum O Blowing O

Transfer type:

Batch (hopper loader) O

Continuous (Rotary valve) O

Conveying distance (metres)

Horizontal: _____ Vertical: _____ Bends: _____

Inlet details:

Standard flange O Inlet bend O

Outlet details:

Standard flange O Outlet bend O

Airflow through sifter: _____ m^3/hr

Maximum operating pressure: _____ + M.barg

Maximum operating vacuum: _____ - M.barg

Pipework size: _____ °/d _____ Bore mm

Overtails collection options:

Gortex bag O Collection container O

Single outlet valve O

Twin outlet valve O

ENQUIRY REPORT

Gericke

NIBBLING | **ENQUIRY REF: E** | **Sheet of**

Instantaneous processing rate: kg/hour litres/hour

Machine type: Nibbler O Reductor O

Initial particle size: mm

Required particle size: mm

Required final bulk density: kg/litre

Indicate product hardness:

Friable O Soft O Brittle O Hard O Very Hard O

Feed into Nibbler/Reductor: Controlled O Flood feed O Semi-flood feed O

Feed device:

Nibbler/Reductor delivers to:

Screen(s): Size mm Carbon steel O Stainless steel O

Type: Serrated O Perforated O Woven wire O

Location: Inside O Outside O

Is cleaning/cross contamination important Yes O No O

Are there frequent product changes: Yes O No O

Preferred size of machine: **x**

Options

Seals: Gland packing O

Stuffing box O Air purge O

No. of access doors: Qty: _____

Standard O Special O

Basket frame:

Carbon steel O Stainless steel O

Drive: Standard O Heavy duty O

Reduced tip speed O Freq. regulated O

Options

Inlet hopper: Yes O No O

Working capacity: _____ litres

Sack tip unit: Yes O No O

Standard O With filter O

Outlet hopper: Yes O No O

Support frame: Yes O No O

Fixed O Mobile O

Notes

ENQUIRY REPORT

Gericke

FEEDING | **ENQUIRY REF: E** | **Sheet of**

Process: Volumetric O Gravimetric O Batch weigh O

How is the material loaded into the feeder:

Type of feed/refill device:

Does the feed/refill device exist: Yes O No O

Capacity of storage hopper above feeder: kg litres

Is feeder hopper required: Yes O No O

Feeder delivers to:

Is shut off valve required for process: Yes O No O

Type of shut off valve: **Does shut of valve exist:** Yes O No O

Location: Inside O Outside O

Is cleaning/cross contamination important Yes O No O

Minimal product residue: Important O Not important O

Feed centres (inlet/outlet): Standard O Extended O mm

Options:

Feeder hopper: Yes O No O

Working volume: litres

Hopper lid: Bolted O

Hinged with safety grille O

Hinged with safety switch O

Vent: Yes O No O

Level probe boss: Yes O No O

Level probe: Yes O No O Type: _____

Vertical agitator: Yes O No O

Hopper inspection port: Yes O No O

Outlet type: Open end O AR O

ARF O ARFE O

AGP: Yes O No O

Standard mounting O Reverse mounted O

Seals: Standard O Air purge O

Options:

Drive: Fixed speed O Pole change O

In built frequency controller O

Remote frequency regulated O

Bottom cleaning door: Yes O No O

Feed/refill device: Yes O No O

Helix type: Open O Centre shaft O

Full flight O Special O

Gravimetric Feeders

Controller type: Single O Multi O

No. of feeders: _____

Pressure compensation: Yes O No O

Input/output module:

Analogue O Digital O Serial interface O

Printer Interface: O

Clients PLC type: _____

Notes:

ENQUIRY REPORT

Gericke

MIXING 1 | **ENQUIRY REF: E** | **Sheet** **of**

Mixer type: Ribbon O Ploughshare O GMS O Continuous O

Maximum number of ingredients:

Minimum number of ingredients:

Approximate ratio's

Average bulk density of blended product: kg/litre

Does the product tend to agglomerate: Yes O No O

Is this acceptable: Yes O No O

Process: Mixing O Granulation O Agglomeration: O

Batch O Continuous O Liquid Addition O

Batch mixer working volume: litres

Is batch size critical: Yes O No O

How is mixer charged:

Mixer delivers to:

Liquid additions: _____

Liquid names: _____

Specific gravity: _____ Viscosity: _____ cp

Liquid temperature: _____ °c

Ration of liquids to solids: Liquid % Solids %

Is mixing homogeneity critical: Yes O No O

Is gentle handling of product critical: Yes O No O

Is the new mixer replacing an existing mixer/system: Yes O No O

If yes, what is the existing mixer type:

What problems arise with the existing mixer/system:

What are the main criteria for selecting the new mixer/system:

Location: Inside O Outside O

Is cleaning/cross contamination important Yes O No O

Minimal product retention: Important O Not important O

Required cycle times:

Filling min(s) Mixing min(s) Discharge min(s) Dwell min(s)

ENQUIRY REPORT

Gericke

MIXING 2	ENQUIRY REF: E	Sheet of

Who will supply the feed equipment:

Who will supply the discharge equipment:

Drawings provided: Yes O No O

Options:

Top cover Yes O No O

Hinged lid: Full length O Half length O

Connections:

Product inlet: O Qty: _____

Vent: O Qty: _____

Liquid: O Qty: _____

Drain port: Standard O Dairy O

Others: O Qty: _____

Outlets: O Qty: _____

Type: Standard O Bomb Door O

Manual O Pneumatic O

Flush fitting O

Side access door(s) O Qty: _____

Note: Side access doors are interlocked

Support base: Yes O No O

Drive: Standard O Heavy duty O

Soft start: O Frequency Inverter O

De-agglomerators: Yes O No O

Qty: _____ Flange only O

Seals: Standard O Air purge O

Special: _____

Options:

Liquid addition: Yes O No O

Nozzle O Spray ball O Spray bar O

Injection system: Yes O No O

Jacket: Heating O Cooling O

Design Temperature: _____ °c

Design pressure: _____ m.bar

Pressure reaction processes:

Yes O No O

Pressure O Vacuum O

Maximum pressure: _____ m.bar g

Maximum vacuum: _____ m.bar g

Explosion protection: Yes O No O

Weighing/load cells: Yes O No O

Sack tip unit: Yes O No O

Standard O With filter O

Cleaning method:

Dry O Wet O CIP O

CIP system required: Yes O No O

Notes

ENQUIRY REPORT

Gericke

DISCHARGING | **ENQUIRY REF: E** | **Sheet of**

Machine type: RA O RAS O

Preferred diameter: 550 O 800 O 1200 O

Silo/hopper detail:

Working capacity: kg litres

Major diameter: mm

Straight section height: mm

Cone angle: °

Cone section height: mm

Cone outlet diameter: mm

Silo/hopper construction:

Carbon steel O Stainless steel O Aluminium O Concrete O

Available height under cone outlet: mm

How is silo loaded:

Is storage hopper to be quoted: Yes O No O

Material storage time: hours/days/weeks

Discharger delivers to:

Does valve below discharger exist: Yes O No O

If so, what type of valve:

Location: Inside O Outside O

Is cleaning/cross contamination important Yes O No O

Method of cleaning equipment: Dry O Wet O

Options:

No. of discharge outlets: ① ② ③ ④

Actuation: Manual O Pneumatic O

Open/close O Metering O

Gas tight seals: Yes O No O

Sanitary design: Yes O No O

Options:

Drive: Standard O Right angled O

Seals: Standard O Air purge O

Agitator 2nd seal ring: Yes O No O

Relief cone: Yes O No O

Extended agitator: Yes O No O

Notes

ENQUIRY REPORT

Gericke

FIBC DISCHARGING | **ENQUIRY REF: E** | **Sheet of**

FIBC 'Big Bag' type

Multi trip O Single trip O

Material: _____

Liner: Yes O No O

Loose O Stitched O

Number of restraining loops: _____

Number of discharge spout ties:

FIBC Size:

Capacity: _____ kgs

Volumetric capacity: _____ m^3

A - Cross section: _____ x _____

B - Body height: _____ mm

C - Cone height _____ mm

D - Outlet spout height _____ mm

E - Outlet spout diameter _____ mm

F - Loop length _____ mm

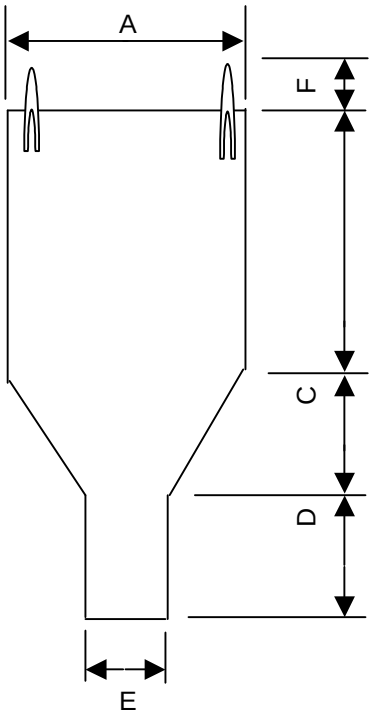
Transport type:

Fork truck: Yes O No O

Crane: Yes O No O

Both: Yes O No O

Crane hook size: _____



Application:

Discharge to:

Discharge rate: _____ kg/hour

Controlled discharge: Yes O No O

Dust extraction on receiving equipment:

Yes O No O

Dust extraction required for discharger:

Yes O No O

Height required - floor to outlet flange: mm

Options:

Bag lift frame: Yes O No O

Bag support posts: Yes O No O

Sprung loaded O Fixed O

Massagers: Yes O No O

Base O Side O

Vibrator: Yes O No O

Integral hoist: Yes O No O

Electric O Manual O

Liner tensioner: Yes O No O

Bag docking seal: Yes O No O

Floor support frame: Yes O No O

Outlet spout closer: Yes O No O

Storage hopper: Yes O No O

Hopper volume: _____ litres

Hygienic design: Yes O No O

Notes

LITERATURE REQUEST

Gericke

Attention:

From:

Date:

Reason for literature:

Enquiry ref: L

Sheet: 1 **of** 1

Customer Code:

Group:

Site:

Sales area

Company:

Address:

Post Code:

Switchboard:

Fax:

Contact:

Position:

Direct tel:

Direct fax:

e-mail:

Mobile:

Market: Food O Chemical O
Plastic O Minerals O Cosmetics O
Pharmaceuticals O

Source:
Visit O Post O Fax O Tel O
e-mail O Website O Exhibition O
Group O Agent O Journal O *(below)*
Solids Handling O
Bulk Handling O
B S T O
Food Manufacturing O
Industrial Bulk World O
Food Processing O
Other:

Requirements

Full set (Soft Pack)		O
Full set (Hard Pack)		O
Corporate	613	O
Plant	601e	O
Sifting	437/2	O
Sifting (in-line)	616	O
Size Reduction	586e	O
Feeder General	599	O
Feeder (GLD)	611	O
Feeder (GAC)	610	O
Feeder (GDU)	612	O
Feeder (GPD	603	O
RA Discharger	Cat Index 3	O
Mixer (GMS)	614e	O
Mixer (GCM)	615e	O
Mixer (Ploughshare)	572e	O
Pneumatic Conveying	573	O
Conveying Lime Stone	NR 1	O
Conveying Cement	NR 2	O
Conveying into Reaction Vessel	NR 3	O
Batch Production Confectionary	NR 4	O
Continuous Mixing Confectionery	NR 5	O
Filters		O

TEST APPLICATION

Gericke

Gericke Engineer:	**Test Ref:**
Company:	**Enquiry/Contract ref:**
	Contact:
Address:	**Position:**
	Switchboard:
	Direct tel:
	Direct fax:
	e-mail:
Post Code:	**Mobile:**
Agreed test date:	**Trials:** Witnessed O Un-witnessed O

Material data:

Equipment specification:

Objective of test:

Source of test material:

Direct from Customer	O	Delivered by the Gericke Engineer	O
Arrangements made by Test Lab	O	Delivered on day of trial	O
Product Data Sheet enclosed	O	COSHH/Hazard Sheet enclosed	O

NB. Trials cannot be conducted without the completed Product Data Sheet and COSHH/Hazard Data Sheet

Disposal of the test material: By the Customer O By the Test Lab at the Customers cost O

Test Report distribution:

Customer	O	Test Lab	O	Enquiry file	O
Contract file	O	Database	O	Others:	_____

PRODUCT DATA SHEET

Gericke

To comply with the Control of Substances Hazardous to Health (COSHH) Regulations, this questionnaire MUST be completed before any trials will be carried out

Test ref:	**Enquiry/Contract ref:**
Company:	**Contact:**
	Position:
Address:	**Switchboard:**
	Direct tel:
	Direct fax:
	e-mail:
	Mobile:
Post Code:	

Name of Product:

	Yes	No
1 Any know hazards	O	O
2 Are any special handling precautions required	O	O
3 Is any particular personal protective equipment required	O	O
4 Are there any known dust borne hazards with this material	O	O
5 Is the material likely to give off any dangerous fumes	O	O
6 Are there any known dangers if mixed with water	O	O
7 Are there any known materials which react unfavourably with this material	O	O
8 Are there any special storage requirements for this material	O	O
9 Is there any known legislation regarding the disposal of this material	O	O
10 Is there any other information that we should have on this material before conveying trials commence	O	O
11 Is the product explosive	O	O
If Yes, what is are its KST _____ and MIE _____ values		
12 Are there any special cleaning requirements	O	O
13 Have hazard sheets been forwarded with this Data Sheet	O	O

No material can be accepted onto our site without the mandatory hazard sheets relating to COSHH

If the answer to any of the above questions is YES, please give details on a separate sheet.

Please note that test material should arrive at least **three days BEFORE tests**, to allow preliminary assessments to be carried out.

I confirm that the details above are correct and note that it is our responsibility to arrange for the collection and disposal of the test materials after use.

We agree that if the test materials remain on the premises for longer than TWO WEEKS following the tests, Gericke will arrange for their disposal and that we will accept all associated charges.

Signed, for and on behalf of the Customer: _____ Date: _____

Delivery Address:

Gericke Limited, Victoria House, Cavendish Street, Ashton-under-Lyne, Lancashire, OL6 7DJ

Telephone: 0161 344 1140 Fax: 0161 308 3403 Off loading times: 08.30 - 16.00 Monday to Friday