

Quotation Request Form



Date _____
 Company _____
 Street _____
 City/State/Zip _____
 Name _____
 Title _____
 Tel: (____) _____ Fax: (____) _____
 E-Mail _____

Where did you *first* hear of Flexicon?

- ☐ Trade publication ☐ Direct mail ☐ Representative ☐ Trade show
☐ Internet ☐ Other _____

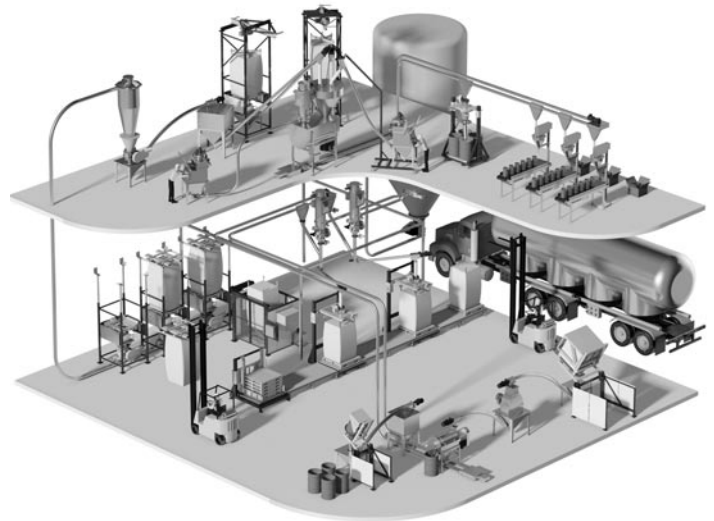
Installation location (if different from above):

Company _____
 Street _____
 City/State/Zip _____

CUSTOMER TYPE: ☐ End user ☐ O.E.M. ☐ Reseller

INDUSTRY:

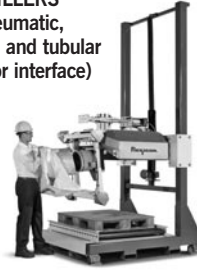
- | | | |
|---|--|---|
| Agricultural Chemicals | Industrial Chemical | Plastics & Rubber |
| Bakery Products & Snack Foods | Lumber & Millwork | Soap, Cleaners & Toiletries |
| Beverages | Meat Products/ Spices & Seasonings | Stone, Clay, Glass, Ceramic Products |
| Canned, Frozen & Preserved Foods | Mining (Metal & Non-Metal) | Sugar Refining |
| Chocolate & Cocoa Products | Packing & Labeling Services | Water & Wastewater Treatment |
| Coffee / Tea | Paint & Allied Products | Other |
| Dairy Products | Paper & Allied Products | |
| Engineering Services | Pharmaceutical & Nutraceutical Products | |
| Grain Products/ Pet Food | | |



Initial Project Status

Project Stage:	Preliminary	In Progress
Quote Stage:	Budgetary	Firm
Closing Time Frame:		Unknown
Funding Approved:	Yes	No
		Unknown

Quotation Due Date:

FLEXIBLE SCREW CONVEYORS (including weigh batching systems) 	TUBULAR CABLE CONVEYORS (including weigh batching systems) 	PNEUMATIC CONVEYING SYSTEMS (including weigh batching systems) 	BULK BAG DISCHARGERS (including pneumatic, flexible screw, and tubular cable conveyor interface) 
BULK BAG CONDITIONERS 	BAG DUMP STATIONS (including pneumatic, flexible screw, and tubular cable conveyor interface) 	BULK BAG FILLERS (including pneumatic, flexible screw, and tubular cable conveyor interface) 	CONTAINER DUMPERS (including pneumatic, flexible screw, and tubular cable conveyor interface) 

GENERAL REQUIREMENTS

Bulk Material A

(Generic and/or manufacturer trade name): _____

Similar to other mat'l: _____

PARTICLE SIZE(S)

_____ ☐ mesh, ☐ micron, ☐ in. or ☐ mm

BULK DENSITY

Packed (densified) _____

☐ lbs/ft³ or ☐ kg/m³

Loose (aerated) _____

☐ lbs/ft³ or ☐ kg/m³

TEMPERATURE _____ ☐ °F or ☐ °C

☐ Ambient

MOISTURE CONTENT _____ %

FAT CONTENT _____ %

OIL CONTENT _____ %

Bulk Material B

(Generic and/or manufacturer trade name): _____

Similar to other mat'l: _____

PARTICLE SIZE(S)

_____ ☐ mesh, ☐ micron, ☐ in. or ☐ mm

BULK DENSITY

Packed (densified) _____

☐ lbs/ft³ or ☐ kg/m³

Loose (aerated) _____

☐ lbs/ft³ or ☐ kg/m³

TEMPERATURE _____ ☐ °F or ☐ °C

☐ Ambient

MOISTURE CONTENT _____ %

FAT CONTENT _____ %

OIL CONTENT _____ %

Bulk Material C

(Generic and/or manufacturer trade name): _____

Similar to other mat'l: _____

PARTICLE SIZE(S)

_____ ☐ mesh, ☐ micron, ☐ in. or ☐ mm

BULK DENSITY

Packed (densified) _____

☐ lbs/ft³ or ☐ kg/m³

Loose (aerated) _____

☐ lbs/ft³ or ☐ kg/m³

TEMPERATURE _____ ☐ °F or ☐ °C

☐ Ambient

MOISTURE CONTENT _____ %

FAT CONTENT _____ %

OIL CONTENT _____ %

BULK MATERIAL			
Check appropriate boxes			
A	B	C	
MATERIAL FORMS: (for blends, check all that apply)			
☐	☐	☐	Pellet
☐	☐	☐	Fiber
☐	☐	☐	Irregular
☐	☐	☐	Granular
☐	☐	☐	Powder
☐	☐	☐	Flake
☐	☐	☐	Other: _____
MATERIAL FLOWABILITY (Angle of repose)			
☐	☐	☐	Very free-flowing (30° or less)
☐	☐	☐	Free-flowing (30° to 45°)
☐	☐	☐	Semi-free-flowing (45° to 60°)
☐	☐	☐	Non-free-flowing (60° and above)
MATERIAL CHARACTERISTICS			
☐	☐	☐	Abrasive
☐	☐	☐	Corrosive
☐	☐	☐	Degradable (affecting use or salability)
☐	☐	☐	Compressible
☐	☐	☐	Aerates or becomes fluidized
☐	☐	☐	Packs or cakes
☐	☐	☐	Smears, non-lubricating
☐	☐	☐	Solidifies if left to sit or if vibrated
☐	☐	☐	Bridges or cavitates when hoppers
☐	☐	☐	Interlocks or mats, resisting flow
☐	☐	☐	Rat-holes when hoppers
☐	☐	☐	Hygroscopic
☐	☐	☐	Hazardous if "yes" specify:
☐	☐	☐	Toxic
☐	☐	☐	Acidic
☐	☐	☐	Flammable
☐	☐	☐	Explosive dust
☐	☐	☐	Other: _____

Electrical Requirements:

POWER SUPPLY

Volt: _____ Phase: _____ Hz: _____

MOTOR RATING

A: ☐ TEFC ☐ IP55

B: ☐ Washdown ☐ IP65

C: ☐ Explosion proof

Class: _____ Div: _____

Group: _____

☐ EExD

Specify zones: _____

ELECTRICAL ENCLOSURES

A: ☐ NEMA 4 (washdown)

☐ IP65

B: ☐ NEMA 4X (caustic washdown)

☐ IP67

C: ☐ NEMA 7/9 (explosion-proof)

☐ EExD

Materials of Construction

Check appropriate boxes

	MAT'L CONTACT SURFACES	NON-CONTACT SURFACES
CARBON STEEL: Welded exclusively on the exterior and deburred. Exterior surfaces primed and painted.	☐	☐
STAINLESS STEEL INDUSTRIAL FINISH: Type 304, welded exclusively on the exterior and deburred. Exterior surfaces with microsphere blasted finish.	☐	☐
STAINLESS STEEL REFINED FINISH: Type 304, product contact areas continuously welded and deburred. Exterior surfaces with microsphere blasted finish.	☐	☐
STAINLESS STEEL SANITARY FINISH: Type 304, product contact areas continuously welded and polished to a 150 grit finish. Exterior surfaces with microsphere blasted finish.	☐	☐
OTHER (Specify):	☐	☐

IMPORTANT
Please ship a one-pint (.5 litre)
sample of actual materials handled,
with MSDS sheet if applicable.

FLEXICON® FLEXIBLE SCREW CONVEYORS (including weigh batching systems)

CONVEYING CAPACITY

WEIGHT:

Min _____ Max _____

☐ lbs/hr or ☐ kg/hr

VOLUME:

Min _____ Max _____

☐ ft³/hr or ☐ m³/hr

OPERATIONAL DUTY

☐ Continuous:

(non-stop running of conveyor)

_____ hrs/day _____ days/week

☐ Intermittent:

(frequent on/off cycling of conveyor)

Cycle time on: _____

Cycle time off: _____

☐ Volumetric batching

Batch weight: _____ ☐ lbs or ☐ kg

Required batch delivery time: _____

_____ minutes

Batch frequency: _____ batches/day

☐ Gravimetric batching

☐ Loss-of-weight system

☐ Gain-in-weight system

Batching size range: _____ to _____

☐ lbs or ☐ kg

Batching frequency: _____ batches/hr

Batching accuracy required: ± _____ %

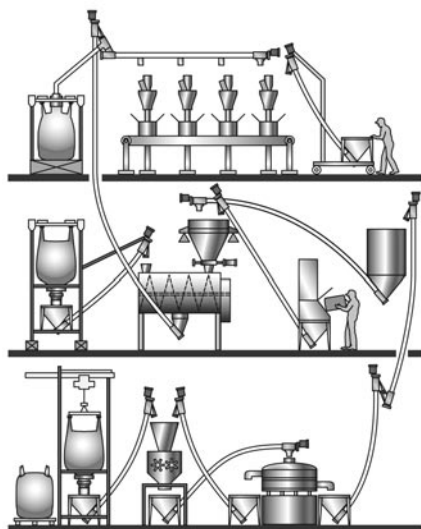
Number of ingredients being weigh-batched: _____

CONTROLLERS FOR:

☐ Fixed rate conveying

☐ Variable rate conveying

☐ Weigh batching



CONTROL OPTIONS

☐ Level sensor

☐ On/off timer

☐ Batch timer

☐ Remote operator station

EQUIPMENT

☐ Mobile configuration

☐ Bulk bag discharger
(also complete pages 1, 2, 10, 11)

☐ Bulk bag filler
(also complete pages 1, 2, 11)

☐ Bag dump station
(also complete pages 1, 2, 3)

☐ Drum dumper
(also complete pages 1, 2, 3)

☐ Silo
Holding capacity: _____ ☐ ft³ or ☐ m³

FLOOR HOPPERS

HOPPER CAPACITY

☐ 1 ft³ (28 l)

☐ 3 ft³ (85 l)

☐ 5 ft³ (142 l)

☐ 8 ft³ (225 l)

☐ 14 ft³ (400 l)

☐ 20 ft³ (560 l)

HOPPER OPTIONS

☐ Solid cover

☐ Hinged cover

☐ Cover with inlet port

☐ Screen

☐ Bag support tray

☐ Vibrator

☐ Agitator

☐ Casters

☐ Bag compactor

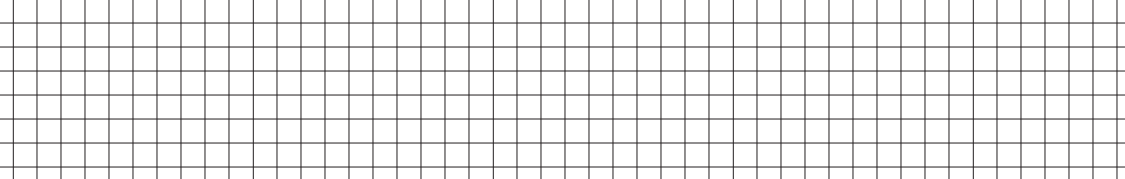
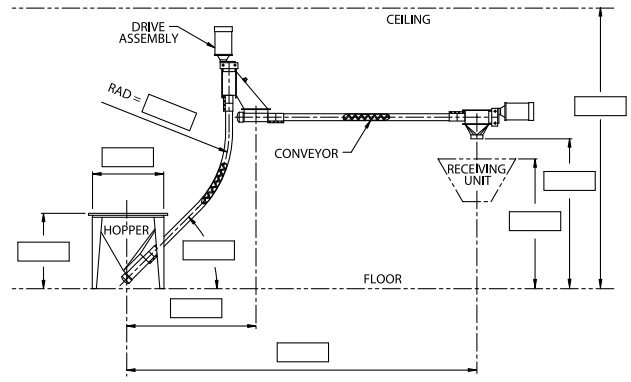
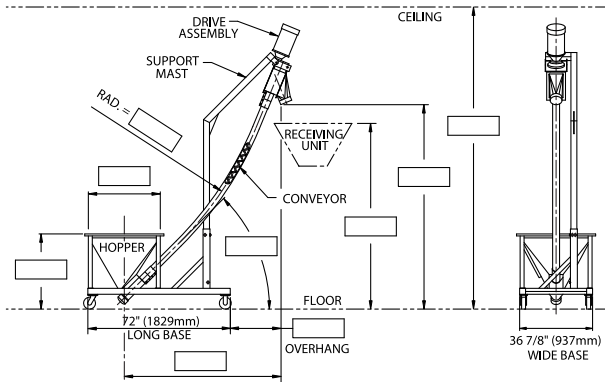
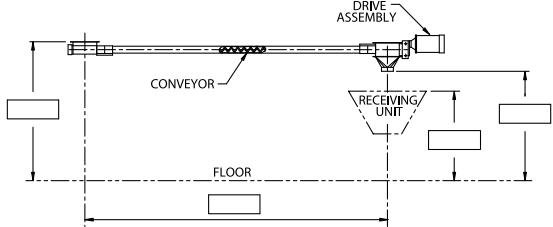
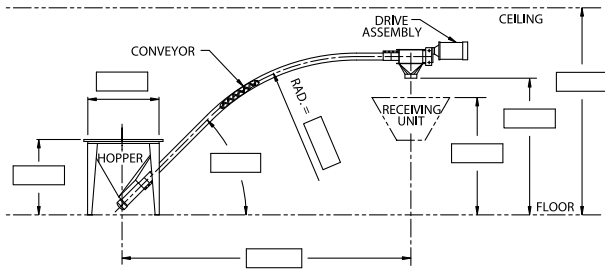
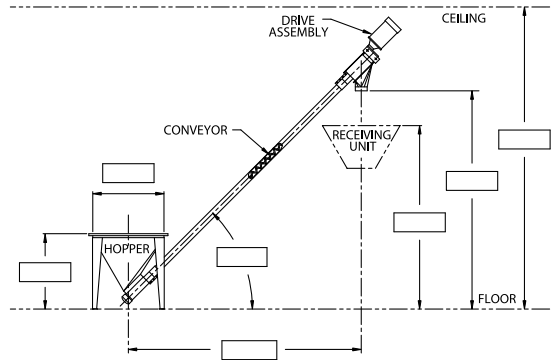
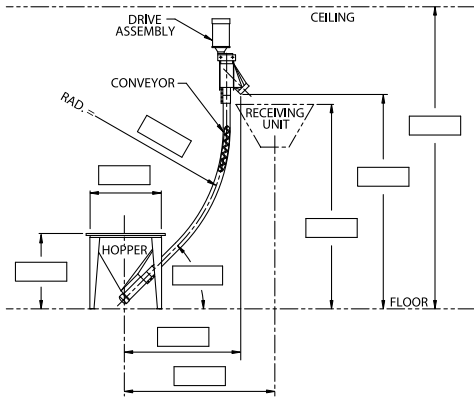
MATERIAL SOURCES AND DESTINATIONS

CHECK ALL THAT APPLY	MATERIAL SOURCE (indicate quantity)	MATERIAL DESTINATION (indicate quantity)	EQUIPMENT TYPE (specify)	NEW	EXISTING
			Bin/hopper		
			Blender (dry)		
			Bulk bags		
			Bulk truck		
			Conveyor		
			Drums		
			Feeder		
			Gaylord		
			Manually dumped bags		
			Mixer (liquid)		
			Molding machine		
			Packaging machine		
			Railcar		
			Reactor		
			Rotary valve		
			Separator		
			Silo		
			Size reduction equip't		
			Tank		
			Weigh hopper		
			Other:		

Please complete "Conveyor System Diagram" page 5

FLEXIBLE SCREW CONVEYORS *(continued)*

Please provide dimensions on the diagram similar to your configuration, or sketch it on the grid at bottom.

A large grid of graph paper, consisting of 30 columns and 20 rows of small squares, intended for drawing a picture.

* A freehand sketch can be made here by going to Comment > Drawing Markups > Select the Pencil
* This is also a text box for notes if needed

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End of Flexible Screw Conveyor Quotation Request Form

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EE-1021

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