

1345 76th Ave SW Cedar Rapids, IA 52404
P: 319.364.5600 / F: 319.364.6449
sales@conveyoreng.com
www.conveyoreng.com

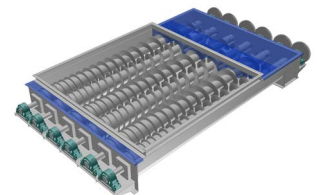
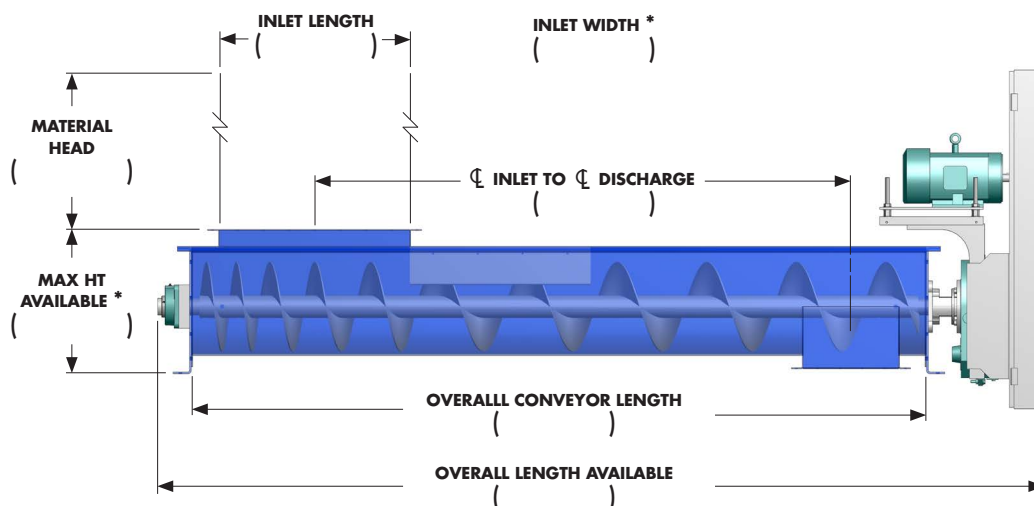
Date: _____
Customer: _____ Location: _____
Contact name: _____
Phone: _____ Fax: _____
Email: _____

SCREW FEEDER/LIVE BOTTOM SPEC SHEET

GENERAL INFORMATION

Conveyor Name / #: _____
Product to be conveyed: _____ Lbs/cubic ft: _____ Temp: _____
Capacity desired/hour *: _____ Angle of incline (horiz. = 0): _____
Material of construction: ☐ 304SS ☐ 316SS ☐ Carbon steel ☐ _____
Surface coating/paint? _____ To ship: ☐ Assembled ☐ As loose parts
Include drive? ☐ Yes ☐ No Type: _____
Component preference: ☐ Light duty ☐ Medium duty ☐ Heavy duty ☐ Extra heavy duty

Fill in known dimensions below:



* MAX HT AVAILABLE, INLET WIDTH & DESIRED CAPACITY MAY REQUIRE MULTIPLE SCREWS (LIVE BOTTOM)

WELD FINISH	INTERIOR	EXTERIOR	OTHER SURFACES	INTERIOR	EXTERIOR
Standard clean up	<input type="checkbox"/>	<input type="checkbox"/>	Standard clean up	<input type="checkbox"/>	<input type="checkbox"/>
Wire brushed	<input type="checkbox"/>	<input type="checkbox"/>	Sheet finish (protected while forming)	<input type="checkbox"/>	<input type="checkbox"/>
CEMA III (ground flush, some pits)	<input type="checkbox"/>	<input type="checkbox"/>	Bead blast	<input type="checkbox"/>	<input type="checkbox"/>
CEMA IV (ground flush, no pits)	<input type="checkbox"/>	<input type="checkbox"/>	120 grit	<input type="checkbox"/>	<input type="checkbox"/>
High polish	<input type="checkbox"/>	<input type="checkbox"/>	180 grit and uniform grain	<input type="checkbox"/>	<input type="checkbox"/>
			High polish	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: The information above is all that is required if you would like Conveyor Engineering to calculate component sizes, HP, etc. Continue on to next page if you'd like to specify more detailed information.

SCREW FEEDER/LIVE BOTTOM SPEC SHEET (continued, optional)

SCREWS

Diameter: _____ Length(s): ☐ Std ☐ Other: _____
Bare pipe (typical over discharge): ☐ Yes ☐ No ☐ Length & location: _____
Flighting material: ☐ 304SS ☐ 316SS ☐ c.s. ☐ _____
Pipe material: ☐ 304SS ☐ 316SS ☐ c.s. ☐ Clad pipe (carbon steel clad w/ stainless) ☐ _____
Pipe schedule: ☐ 40 ☐ 80 ☐ 80/10 clad pipe ☐ _____ Nom. pipe size: _____
Shaft size: _____ Shaft drilling: ☐ 2-bolt ☐ 3-bolt ☐ Shafts welded in
Flighting thickness: _____ Pitch(es): _____ Bolt pads: ☐ Yes ☐ No
Special: ☐ Paddles ☐ Cut flts. ☐ Cut & folded flts. ☐ Ribbon ☐ Hardsurfaced ☐ Close coupled
Details: _____

SHAFTS

Material: ☐ 304SS ☐ 316SS ☐ 1018/1045 c.s. ☐ 4140 c.s. ☐ 1144 Stressproof ☐ _____
Diameter: ☐ 1" ☐ 1½" ☐ 2" ☐ 2¾" ☐ 3" ☐ 3⅞" ☐ 3⅝" ☐ 4⅞" ☐ 4⅝" ☐ _____
Snap rings on drive shaft: ☐ Yes ☐ No* Tail shaft drilled & tapped for speed sensor: ☐ Yes ☐ No*

TROUGHS

Type: ☐ "U"* ☐ Tube ☐ Flared ☐ Other: _____ Length(s): ☐ Std ☐ Other: _____
Material: ☐ 304SS ☐ 316SS ☐ c.s. ☐ _____ Thickness: _____
Gasketing at end flanges? ☐ No, Silicone caulk only* ☐ Yes, type: _____

COVERS

Type: ☐ Flanged* ☐ Flat ☐ Hip-roof (ridged) ☐ Semi-flanged Thickness: _____
Material: ☐ 304SS ☐ 316SS ☐ c.s. ☐ _____ Sealed with gaskets? ☐ Yes ☐ No*
Length(s): ☐ Std ☐ Other: _____ Cover Clamps: ☐ "C"* ☐ Spring ☐ Toggle ☐ Cvr's bolted to trough
Special requirements? _____

HANGERS

Type: ☐ Quick-Change (QCCH) ☐ Heavy-Duty (HDCH) Top plate style: ☐ "226"* ☐ "220" ☐ Other: _____
Material: ☐ 304SS ☐ 316SS ☐ Carbon Steel ☐ _____
Hgr. bearing: ☐ Plastic resin ☐ Bronze ☐ Bronze w/graphite ☐ Hard iron ☐ Ceramic ☐ Other: _____
Food grade: ☐ Yes ☐ No* Grease tube required: ☐ Yes ☐ No*

END BEARINGS

Type: ☐ 4-bolt flange* ☐ Pillow block (requires pedestal end pate) Brand/Model: _____

SEALS

Type: ☐ Plate w/lip* ☐ Grease purge* ☐ Waste packing w/lip ☐ Packing gland (req's pedestal end plate) ☐ Air purge
☐ Split gland ☐ Other: _____
Housing material: ☐ 304SS ☐ 316SS ☐ Carbon steel* ☐ _____

DRIVE

Location: ☐ Inlet end ☐ Discharge end* Type: ☐ Screw drive ☐ Shaft mount ☐ Direct cpld ☐ Helical w/ sprockets
HP: _____ Final RPM: _____ Voltage: _____ Motor: _____ Reducer: _____

CONVEYOR
ENGINEERING & MANUFACTURING

*denotes standard