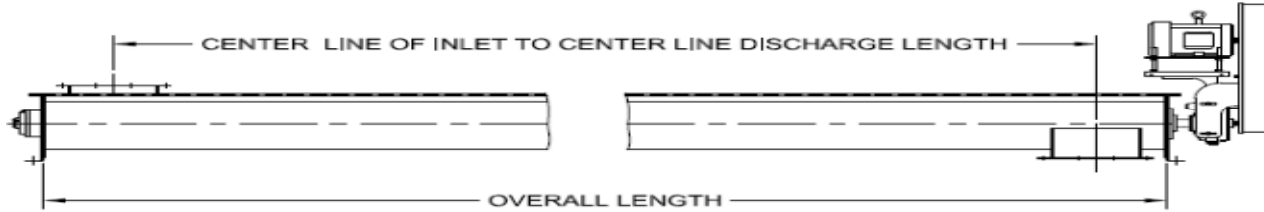


COMPANY NAME:	DATE:
CITY, STATE, ZIP:	EQPT TAG:
CONTACT NAME:	PHONE:
EMAIL ADDRESS:	WEBSITE:

## SCREW CONVEYOR DESIGN WORKSHEET



**NOTE: Please complete below (\*) items as Minimum Required Information to quote.**

### MATERIAL INFORMATION

(*) Material Name:	(*) Density:	(lbs/cu.ft.)	Special Characteristics:
Partical Size:	(Max, inches)	Lump:	(%)
Temperature:	degrees (F)	Moisture:	(%)

### GENERAL EQUIPMENT DESCRIPTION

Quantity:	Screw Diameter:	X (*)	Conveyor length (ft, in) Long	(CL Inlet to Discharge) or (Overall)
(*) Orientation:	<input type="checkbox"/> Horizontal	<input type="checkbox"/> Inclined (Deg):	<input type="checkbox"/> Decline (Deg):	(LBS/HR) (CU.FT/HR) (TONS/HR) (METRIC TONS/HR) (BUSHEL/HR)
(*) Conveyor Fed By:	(*) Discharge Capacity:	<input type="checkbox"/> Control Fed	<input type="checkbox"/> Flood Fed (see Feeder Design Worksheet)	
Conveyor Feeds to:	Materials of Construction:			
Finish Requirements (Stainless Steel) :				

### AUGER / SCREW DESCRIPTION

Screw Diameter:	<input type="checkbox"/> RH <input type="checkbox"/> LH	Pitch:	(inch)	Flight Thickness:
Flights Welded :	Pipe Size:	Pipe Schedule:	Shaft Size:	
Shaft Drilling:	Hanger Style:	Hanger Bearing:		

### TROUGH DESCRIPTION

Trough Type :	<input type="checkbox"/> Angle Flange	<input type="checkbox"/> Form Flange	<input type="checkbox"/> U-Trough	<input type="checkbox"/> Flared	<input type="checkbox"/> Tubular	Material Type & Thickness:
Trough Liner:	(Material Type)	Thickness:	Fitted to:	(Roll-Line / 1" Above R-L / Top Flange)		
Trough End (Drive):	Trough End (Tail):	Discharge:				
Trough Cover Style:	Cover Thickness:	Cover Fasteners:	Inlet:			

### COMPONENTS REQUIREMENTS

Shaft Bearing (Drive):	Shaft Bearing (Tail):	Gasketing:
Shaft Seal (Drive):	Shaft Seal (Tail):	Other:

### DRIVE REQUIREMENTS

Drive Location:	<input type="checkbox"/> Discharge End	<input type="checkbox"/> Inlet End
Horsepower:	RPM'S:	Reducer:
Motor:	Voltage:	Motor Mount:
Drive Notes:		