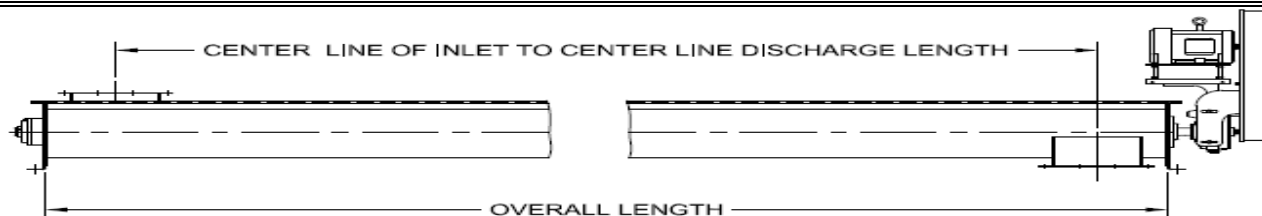


COMPANY NAME: _____	DATE: _____
CITY, STATE, ZIP: _____	EQPT TAG: _____
CONTACT NAME: _____	PHONE: _____
EMAIL ADDRESS: _____	WEBSITE: _____

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: ☐ Horizontal ☐ Inclined (Deg): _____		☐ Decline (Deg): _____			
(*) Conveyor Fed By: _____		(*) Discharge Capacity: _____		(LBS/HR) (CU.FT/HR) (TONS/HR) (METRIC TONS/HR) (BUSHEL/HR)	
Conveyor Feeds to: _____		☐ Control Fed ☐ Flood Fed (see Feeder Design Worksheet)			
Materials of Construction: _____					
Finish Requirements (Stainless Steel) : _____					

AUGER / SCREW DESCRIPTION

Screw Diameter: _____	☐ RH ☐ LH	Pitch: _____ (inch)	Flight Thickness: _____
Flights Welded : _____	Pipe Size: _____	Pipe Schedule: _____	Shaft Size: _____
Shaft Drilling: _____	Hanger Style: _____	Hanger Bearing: _____	

TROUGH DESCRIPTION

Trough Type : ☐ Angle Flange ☐ Form Flange ☐ U-Trough ☐ Flared ☐ Tubular				Material Type & Thickness: _____
Trough Liner: _____ (Material Type)		Thickness: _____		(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: ☐ Discharge End ☐ Inlet End			
Horsepower: _____	RPM'S: _____	Reducer: _____	
Motor: _____	Voltage: _____	Motor Mount: _____	
Drive Notes: _____			