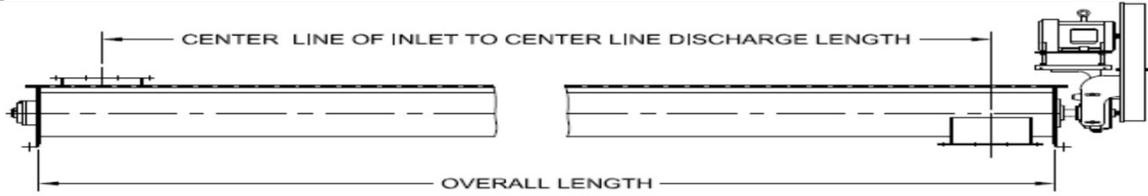


COMPANY NAME:		DATE:	
CITY, STATE, ZIP:		EQPT TAG:	
CONTACT NAME:	PHONE:		
EMAIL ADDRESS:		WEBSITE:	

SCREW CONVEYOR DESIGN WORKSHEET



NOTE: Please complete below (7) (*) items as Minimum Required Information to quote.

MINIMUM REQUIRED INFORMATION

*1. MATERIAL NAME:		*2. DENSITY:		(lbs/cu.ft.)	*3. DISCHARGE CAPACITY:		(cu.ft./hr)
							(lbs/hr)
*4. CONVEYOR QTY:		*5. LENGTH OF CONV.:		(foot, inch)	*6. ORIENT:		(horizontal / inclined)
				(Overall / CL to CL)			
*7. CONVEYOR FED BY:							

MATERIAL DETAILS

(*) MATERIAL NAME:		(*) DENSITY:		(lbs/cu.ft.)	SPECIAL CHARACTERISTICS:	
PARTICULAR SIZE:		(Max, inches)	LUMP:		(%)	
TEMPERATURE:		degrees (F)	MOISTURE:		(%)	

GENERAL EQUIPMENT DETAILS

(*) 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"/> DECLINED (Deg):			
(*) CONVEYOR FED BY:			(*) DISCHARGE CAPACITY:			(lbs/hr) (cu.ft/hr) (tons/hr) (metric tons/hr) (bushels/hr)	
CONVEYOR FEEDS INTO:			<input type="checkbox"/> CONTROL FED	<input type="checkbox"/> FLOOD FED (see Feeder Design Worksheet)			
MATERIAL OF CONSTRUCTION:							
FINISH REQUIREMENT (Stainless Steel):							

AUGER / SCREW DETAILS

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 SIZE:		HANGER BEARING:			

TROUGH DETAILS

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	MAT'L OF CONST. (& 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 DETAILS

SHAFT BEARING (Drive):		SHAFT BEARING (Tail):		GASKETING:	
SHAFT SEAL (Drive):		SHAFT SEAL (Tail):		OTHER:	

DRIVE DETAILS

DRIVE LOCATION:	<input type="checkbox"/> Discharge End	<input type="checkbox"/> Inlet End			
HORSEPOWER:		RPM'S:		REDUCER:	
MOTOR:		VOLTAGE/PHASE:		MOTOR MOUNT:	
Drive Notes:					