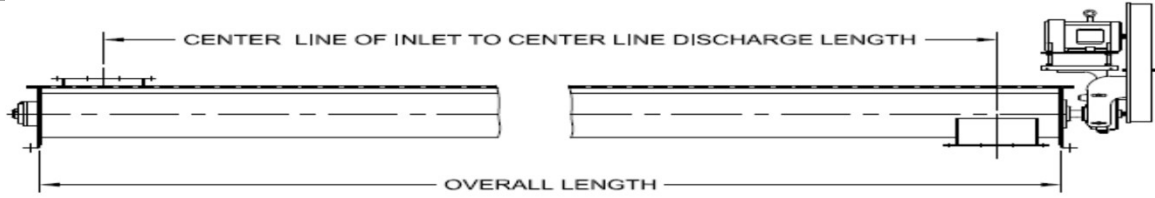


COMPANY NAME: _____	DATE: _____
CITY, STATE, ZIP: _____	EQPT TAG: _____
CONTACT NAME: _____ PHONE: _____	_____
EMAIL ADDRESS: _____	WEBSITE: _____

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.: _____ (Overall / CL to CL) (foot, inch)	*6. ORIENT: _____ (horizontal / inclined)
*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, (CL Inlet to Discharge) or in) Long (Overall)

(*) ORIENTATION: HORIZONTAL INCLINED (Deg): _____ DECLINED (Deg): _____

(*) CONVEYOR FED BY: _____ (*) DISCHARGE CAPACITY: _____ (lbs/hr) (cu.ft./hr) (tons/hr) (metric tons/hr) (bushels/hr)

CONVEYOR FEEDS INTO: _____ CONTROL FED FLOOD FED (see Feeder Design Worksheet)

MATERIAL OF CONSTRUCTION: _____

FINISH REQUIREMENT (Stainless Steel): _____

AUGER / SCREW DETAILS

SCREW DIAMETER: _____ RH LH PITCH: _____ (inch) FLIGHT THICKNESS: _____

FLIGHTS WELDED: _____ PIPE SIZE: _____ PIPE SCHEDULE: _____ SHAFT SIZE: _____

SHAFT DRILLING: _____ HANGER SIZE: _____ HANGER BEARING: _____

TROUGH DETAILS

TROUGH TYPE: Angle Flange Form Flange U-Trough Flared 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: Discharge End Inlet End

HORSEPOWER: _____ RPM'S: _____ REDUCER: _____

MOTOR: _____ VOLTAGE/PHASE: _____ MOTOR MOUNT: _____

Drive Notes: _____