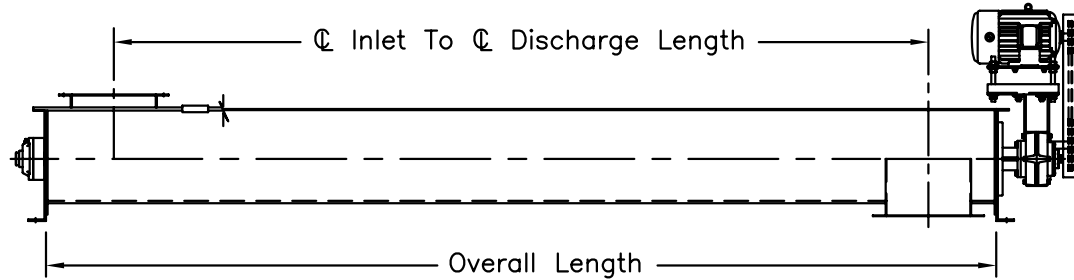


# SCREW CONVEYOR DESIGN WORKSHEET

Quote #: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_



## Customer Information

Customer: \_\_\_\_\_ Contact: \_\_\_\_\_ Email: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: (     ) \_\_\_\_\_ Ext.: \_\_\_\_\_

\_\_\_\_\_ Fax: (     ) \_\_\_\_\_

## Material Properties

Material: \_\_\_\_\_ Density: \_\_\_\_\_ LB/Cu.Ft. Temp.: \_\_\_\_\_ °F Moisture: \_\_\_\_\_ % Lump Size: \_\_\_\_\_

Capacity: \_\_\_\_\_ (CFH) (LBS/HR) (TPH) (MTPH) (BPH) Conveyor Fed By: \_\_\_\_\_

## Conveyor Description

Qty.: \_\_\_\_\_ Dia. \_\_\_\_\_ X \_\_\_\_\_ Long (Ø Inlet to Ø Disch.) (Overall) Horiz. \_\_\_\_\_ Incline \_\_\_\_\_ ° Decline \_\_\_\_\_ °

Materials of Construction: \_\_\_\_\_

## Special Instructions \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**Design  
Engineering  
Manufacturing**

**KWS MANUFACTURING CO., LTD.**

3041 CONVEYOR DRIVE  
BURLESON, TX 76028

Phone: (817) 295-2247

Fax: (817) 447-8528

Website: www.kwsmfg.com

Email: sales@kwsmfg.com

# SCREW CONVEYOR DESIGN WORKSHEET

Customer: \_\_\_\_\_

## Conveyor Description

Screw Dia.: \_\_\_\_\_ (RH) (LH) Pitch \_\_\_\_\_ Flight Thickness: \_\_\_\_\_

Pipe Size: \_\_\_\_\_ Pipe Schedule: \_\_\_\_\_ Shaft Size: \_\_\_\_\_ Flight Welding: \_\_\_\_\_

### Coupling Bolts

- Grade 2       \_\_\_\_\_ SS  
 Grade 5       Other: \_\_\_\_\_

### Drilling

- 2-Bolt       Bolt Pads  
 3-Bolt       Other: \_\_\_\_\_

Hanger Style: \_\_\_\_\_ Bearing Type: \_\_\_\_\_

Trough Style: \_\_\_\_\_ Thickness: \_\_\_\_\_ Discharge Type: \_\_\_\_\_ Discharge Quantity: \_\_\_\_\_

Trough End Type (Drive End): \_\_\_\_\_ Trough End Type (Non-Drive End): \_\_\_\_\_

Bearing Type (Drive End): \_\_\_\_\_ Bearing Type (Non-Drive End): \_\_\_\_\_

Seal Type (Drive End): \_\_\_\_\_ Seal Type (Non-Drive End): \_\_\_\_\_

Gasket: \_\_\_\_\_ Cover Style: \_\_\_\_\_ Cover Thickness: \_\_\_\_\_

Cover Fasteners Type: \_\_\_\_\_ Inlet Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

## Drive Components

Drive Location:  Inlet End

Discharge End

Drive: HP: \_\_\_\_\_ RPM: \_\_\_\_\_ Voltage: \_\_\_\_\_

Motor: \_\_\_\_\_ Reducer: \_\_\_\_\_ Motor Mount: \_\_\_\_\_

## Finish Requirements

### Welds

	Interior	Exterior
Standard Clean Up	<input type="checkbox"/>	<input type="checkbox"/>
180 Grit	<input type="checkbox"/>	<input type="checkbox"/>
120 Grit	<input type="checkbox"/>	<input type="checkbox"/>
Bead Blast	<input type="checkbox"/>	<input type="checkbox"/>

### Steel Surfaces

	Interior	Exterior
Standard Clean Up	<input type="checkbox"/>	<input type="checkbox"/>
180 Grit	<input type="checkbox"/>	<input type="checkbox"/>
120 Grit	<input type="checkbox"/>	<input type="checkbox"/>
Bead Blast	<input type="checkbox"/>	<input type="checkbox"/>

### Surface Coating

- Standard KWS Gray Enamel  
 Hot Dip Galvanized  
 Other \_\_\_\_\_

Other: \_\_\_\_\_  
 \_\_\_\_\_



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