

**INFORMATION NECESSARY TO SIZE A SCREW CONVEYOR**

**Type of Industry:**

**Shape of Screw Conveyor:**  Tubular/Trough/Shaftless

**Product:**

**Bulk Density:**  (kg/m3)

**Feeder Screw:**

**Conveying Screw:**

Diameter	<input style="width: 400px; height: 20px;" type="text"/>	(mm)
Particle Size	<input style="width: 400px; height: 20px;" type="text"/>	(microns)
Abrasiveness	<input style="width: 400px; height: 20px;" type="text"/>	(High/Low)
Temperature	<input style="width: 400px; height: 20px;" type="text"/>	(Degrees°)
Flowability	<input style="width: 400px; height: 20px;" type="text"/>	
Motor Protection	<input style="width: 400px; height: 20px;" type="text"/>	EXE, EXD,SI,S4
Capacity:	<input style="width: 400px; height: 20px;" type="text"/>	(t/Hr)
Tonnes/Hr	<input style="width: 400px; height: 20px;" type="text"/>	(m3/Hr)
Density	<input style="width: 400px; height: 20px;" type="text"/>	(Internal/External)
Location:	<input style="width: 400px; height: 20px;" type="text"/>	(Continuous/Discontinuous)
Operation:	<input style="width: 400px; height: 20px;" type="text"/>	Per Hour
Starts Per Hour (if applicable)	<input style="width: 400px; height: 20px;" type="text"/>	Degrees (Refer below for maximum)
Angle of Inclination:	<input style="width: 400px; height: 20px;" type="text"/>	

*(Max = 45 ° on Tubular. 30° on Trough. 25° on Shaftless)*

**Operating Hours Per Day:**  (Hrs/ Day)

**Length of Screw Conveyor:**  (mm - See Below)

*Tubular = Center Line of Inlet to Outlet  
 Trough = End Flange to End Flange  
 Vertical = Ground to Bottom of Outlet*

**Construction Material:**  (Mild Steel/ Stainless Steel 304/Stainless steel 316)

**Power Requirements:**

Motor	<input style="width: 400px; height: 20px;" type="text"/>	
Voltage	<input style="width: 400px; height: 20px;" type="text"/>	
Hertz	<input style="width: 400px; height: 20px;" type="text"/>	
Insulation	<input style="width: 400px; height: 20px;" type="text"/>	Protection Class IP
Direct	<input style="width: 400px; height: 20px;" type="text"/>	Yes/No
Pulley	<input style="width: 400px; height: 20px;" type="text"/>	Yes/No
Coupling	<input style="width: 400px; height: 20px;" type="text"/>	Yes/No
Chain	<input style="width: 400px; height: 20px;" type="text"/>	Yes/No
Variator	<input style="width: 400px; height: 20px;" type="text"/>	Yes/No

**Delivery:**  Weeks

**Comments (Special Requirements)**