



DRAG CONVEYOR DESIGN WORKSHEET

Quote #: _____

Date: _____

Material Properties

Bulk Material: _____

Density: _____ (LB/Cu.Ft.)

Temp.: _____ (°F)

Moisture: _____ (% Vol.) Dry Damp

Lump Size: _____

Capacity: _____

CFH LBS/HR TPH MTPH BPH

Conveyor Fed By: _____

Discharge into: _____

Conveyor Properties

Quantity: _____

Conveyor Size (Paddle Width): _____

Conveyor Length: _____

Inlet to Discharge (Centerlines) Overall

Horizontal Incline: _____ ° L-Path: Horizontal Length: _____ Discharge Height: _____

Chain Pitch: _____ Take-Up Length: _____

Sprocket Dia.: _____ Chain Speed: _____ (FPM)

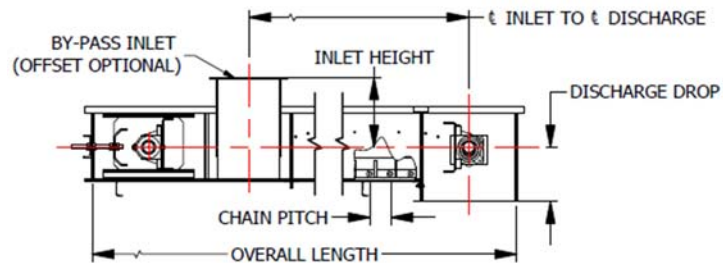
Paddle Spacing: _____ (# of Chain Pitches)

Drive Shaft Size: _____ Tail Shaft Size: _____

Trough Thk.: _____ Covers Thk: _____

Inlet: _____ Ins. X _____ Ins. Qty.: _____

Discharge: _____ Ins. X _____ Ins. Qty.: _____



Drive Components

HP: _____ RPM: _____

Phase: _____ Hertz: _____

Voltage: _____

Motor: _____

Reducer: _____

Motor Mount: _____

Customer Information

Customer: _____

Contact: _____

Address: _____

Email: _____

Phone: () _____ Ext.: _____

Special Instructions, Coatings, or features not listed:

Equip. Tag#: _____



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Materials of Construction

Chain: C.S. 304SS Other: _____ Drive/Tail Sprocket: C.S. (Hardened Teeth) 304SS Other: _____

Shaft: C-1045 304SS Other: _____ Hardware: Zinc-Plated C.S. 18-8SS Other: _____

Trough: C.S. 304SS Other: _____ Cover: C.S. 304SS Other: _____

Gasket: Black Nitrile Blend (Std.) White Food Grade Other: _____ Other Materials: _____

Finish Requirements

Interior Welds: 40-50 Grit (Standard) 100 Grit 150 Grit As Laid Interior Surfaces: Mill Finish (Standard) 100 Grit 150 Grit

Exterior Welds: 40-50 Grit (Standard) 100 Grit 150 Grit As Laid Exterior Surfaces: Mill Finish (C.S. Std) 100 Grit 150 Grit Bead Blast (S.S. Std.)

Paint: Grey Enamel (Standard) Other: _____ (Paint option does not apply to stainless steel casings)

Trough Style:

Round Bottom Flat Bottom (Mill Duty)

Round Bottom Properties

Paddle Material: UHMW Other: _____

Idler Sprocket Material: UHMW Other: _____

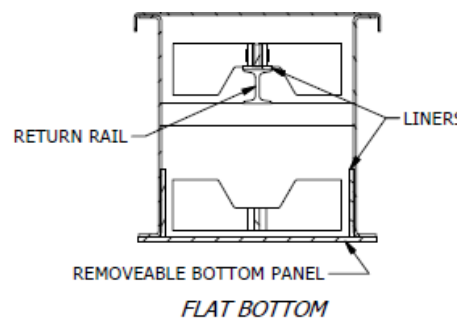
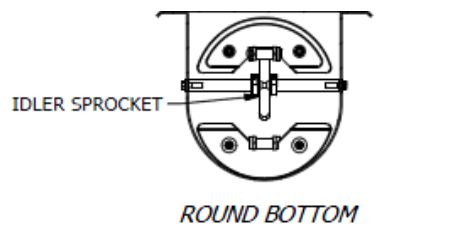
Flat Bottom Properties

Paddle Material: AR235 AR400 C.S. 304SS Other: _____

Side Liners: No Yes: AR235 AR400 C.S. 304SS Other: _____

Return Rail Liner: No Yes: AR235 AR400 C.S. 304SS Other: _____

Removable Bottom Panel: No Yes: AR235 AR400 C.S. 304SS Other: _____



Typical Drag Conveyor Arrangements

