**Orthman Conveying Systems, LLC**
650 W Industrial Blvd, Cleburne, TX 76033
PH: 682-356-6200 / Toll Free: 877-664-2687
sales@orthmanconveying.com

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

# BELT 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: _____ LENGTH: _____ (foot, inch) ☐ PULLEY CL to CL ☐ OAL

* 6. ORIENT: _____ Horizontal Inclined

* 7. CONVEYOR FED BY: _____

## MATERIAL DETAILS

(*) MATERIAL NAME: _____ (*) DENSITY: _____ (lbs/cu.ft.)

SPECIAL CHARACTERISTICS: _____

PARTICAL SIZE: _____ (Max, inches) LUMP: _____ (%)

TEMPERATURE: _____ degrees (F) MOISTURE: _____ (%)

## GENERAL EQUIPMENT DETAILS

(*) QUANTITY: WIDTH: _____ X(*) _____ ☐ PULLEY CL to CL ☐ OAL

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

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

CONVEYOR FEEDS INTO: _____ ☐ CONTROL FED ☐ FLOOD FED

MATERIAL OF CONSTRUCTION: _____

FINISH REQUIREMENT (Stainless Steel): _____

PAINT / COLOR: ☐ ORTHMAN BLUE ☐ PRIME ONLY ☐ CUSTOM

## COMPONENTS DETAILS

HEAD PULLEY & BORE TYPE: TAIL PULLEY & BORE TYPE:

HEAD BEARINGS: TAIL BEARINGS: TAKE-UP BEARINGS: HEAD SHAFT SIZE: TAIL SHAFT SIZE:

INLET / SKIRTBOARD: BELTING:

BELT CLEANER: ☐ YES ☐ NO BELT SPLICE TYPE: ☐ VALCANIZED ☐ MECHANICAL ☐ GRAVITY TAKE-UP ☐ SCREW TAKE-UP

DISCHARGE HOOD: ☐ YES ☐ NO TAIL PULLEY GUARD: ☐ YES ☐ NO PULL CORD SWITCH: ☐ YES ☐ NO SPEED SWITCH ☐ YES ☐ NO SUPPORT LEGS: ☐ YES ☐ NO

COVERS: ☐ YES ☐ NO IDLER TYPE & ANGLE: EXTRA COMPONENTS:

## DRIVE DETAILS

DRIVE LOCATION: ☐ Discharge End ☐ Inlet End

HORSEPOWER: _____ RPM'S: _____ REDUCER: _____

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

Drive Notes:

