

# Conveyor Belt Data Form

*Sketch conveyor configuration, locating drive, take-up, curves and tripper limits.*

Sheet no.: _____ Date: _____ Salesman: _____	
Customer: _____	
<input type="checkbox"/> Distributor <input type="checkbox"/> Engineering company <input type="checkbox"/> Equipment manufacturer	
Conveyor no. or description: _____	
<b>Conveyor Belt Operating Data and Recommendations</b>	
<b>Material Data</b>	<b>Operating Data</b>
Material: _____ Max. lump size: _____ inches Average size: _____ inches * Maximum capacity: _____ tons/hour Average capacity: _____ tons/hour Oil: <input type="checkbox"/> None <input type="checkbox"/> Some <input type="checkbox"/> A lot	* Belt width: _____ inches   * Belt speed: _____ ft/min. Temperature: _____ °F <input type="checkbox"/> Wet <input type="checkbox"/> Dry <b>Length</b> * Conveyor center: _____ feet Installed belt length: _____ feet <b>Elevation</b> * Vertical lift: _____ feet   Angle on incline: _____ °
<b>Drive Data</b>	<b>Take-up</b>
Location: <input type="checkbox"/> Head <input type="checkbox"/> Tail <input type="checkbox"/> Between Type: <input type="checkbox"/> Single <input type="checkbox"/> Tandem <input type="checkbox"/> Dual Motor horsepower: _____   * Lagged: <input type="checkbox"/> Yes <input type="checkbox"/> No * Wrap angle: _____ °	Type: <input type="checkbox"/> Gravity <input type="checkbox"/> Screw <input type="checkbox"/> Auto Travel: _____ feet   _____ inches Location from head: _____ feet   From tail: _____ feet Counterweight: _____ lbs.
<b>Pulley Diameters</b>	<b>Loading Data</b>
Drive pulley dia.: _____ inches Head pulley dia.: _____ inches Tail pulley dia.: _____ inches Take-up pulley dia.: _____ inches Snub pulley dia.: _____ inches Bend pulley dia.: _____ inches Wing tail: <input type="checkbox"/> Yes <input type="checkbox"/> No	Direction in-line: <input type="checkbox"/> Side <input type="checkbox"/> Vertical Type loader: _____ * Drop to belt: _____ feet   Chute angle: _____ ° Loading idlers: <input type="checkbox"/> Impact <input type="checkbox"/> Plain Space at loading: _____ inches Impact station length: _____ feet
Splice: <input type="checkbox"/> Mech. <input type="checkbox"/> Vulc.   Idler spacing: _____ inches   Trough angle: _____ ° * Tripper: <input type="checkbox"/> Yes <input type="checkbox"/> No   Lift: _____ feet   Fixed: _____ Transition distance:   Head: _____ inches   Tail: _____ inches Previous or current belt specification: _____ Belt recommendation: _____	
<b>Belt Selection Data</b>	
<b>Horsepower Data</b>	<b>Tension Data</b>
HPX: _____ HPY: _____ HPZ: _____ Tripper horsepower: _____ Total horsepower: _____	Effective belt tension: _____ lbs. Slack side tension T (2): _____ lbs. Maximum belt tension: _____ lbs. Tension per inch of belt: _____ lbs.

\* **MUST** be completed.