

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

**\* MUST be completed.**