BELT TENSIONING INSTRUCTIONS

1. Measure the belt span.
2. Calculate deflection.
3. See tables below for correct deflection force.
4. Apply force at right angles to the center of the span (see diagram below). The BROWNING® belt tension checker, shown at left, is ideal for this procedure.
5. Check the tension at least twice during the first day of operation, and periodically thereafter.

Be sure — use the inexpensive BROWNING® Belt Tension Checker.
See Form 5453 for more detail.

The capacity of the BROWNING® belt tension checker is 35 lbs. Other means of applying force must be used if force requirement is greater than this.

How to increase Belt Life

Keep sheaves and belts clean.
Abrasive dust, rust, oil and acids reduce service life.

Give drives elbow room.
Never let belts run against belt guards or other obstructions.

Use large diameter sheaves and fewer belts.
You save money and increase drive life.

Never force belts.
Move motor on adjustable base so belts can go on easily.

Eliminate slack.
Adjust motor and tighten belts in position. Slack belts wear excessively, cause slippage and deliver less power.

Use matched belts.
Matched belts run smoother and last longer because the load is evenly distributed. Never replace just part of a set of belts.

Avoid belt idlers.
Belt idlers decrease belt life! Always maintain proper tension through motor adjustment.

Mount belts straight.
Shafts must be parallel and sheave grooves in alignment to prevent unnecessary belt wear.

Don’t overload.
An overloaded belt drive is like a one-ton truck with a two-ton load — both are sure to break down. Always use ample capacity.

These BROWNING Gripbelts are accurately machine matched

BROWNING Matched Belts provide a true running drive and longer service life. You can depend on them because they are matched under tension — that is, while in the sheave grooves, in motion, under the same conditions encountered during operation.

Fill in the information below — detach and tie to machine or file for handy reference when belts need to be replaced.

These BROWNING BELTS were installed:

<table>
<thead>
<tr>
<th>Date</th>
<th>Machine Description</th>
<th>Factory Location</th>
<th>Gripbelt Size</th>
<th>Number of Belts</th>
<th>Reorder From</th>
</tr>
</thead>
</table>

Reorder From: Browning Emerson Power Transmission
Maysville, KY 41056