

Industrial Press Inquiry Questionnaire

An 'Industrial Press' refers to a vulcanizer that is:

- Fixed in place, NOT portable or intended for field use.
- Intended for the Production or Fabrication of belt slabs and profile belts.
- Primarily rubber/fabric construction.



RCTD

- traditional design
- uncured belts
- max 300 psi
- belts with profile



BMS

- clamshell design
- top hinges 90 °
- max 200 psi
- easy access to molds



WY

- ltd. daylight
- max length 144"
- cured belts
- max 150 psi
- adding profile/cleats
- economical entry-level press



LS/LSD

- most diverse design
- throat up to 192" W
- cured belts
- max 200 psi
- adding cleats, long. splicing

If that sounds like your requirements, please fill out the following form to the best of your ability. Required fields have a **red border**.

Name:

Company:

Email:

Location:

Phone:

1. Needs Analysis:

a. Application or Needs Analysis

- A. Production of uncured slab belts. Go to Paragraph 2.a.
- B. Production of uncured belts with profile. Go to Paragraph 2.b.
- C. Production of fabricated belts (profiles added to a cured slab). Go to Paragraph 2.c.

b. Capacity Requirements

A. Feet/meters per day/week/month?

i. Belt Length (approximate)?

ii. Meters/Feet

Meters Feet

iii. Day/Week/Month

Day Week Month

B. 1 shift or 2 shift or continental (round the clock)?

One Two Continental

2. Process Requirements:

- a. Uncured belts with no profile
 - A. Number of Plies?
 - B. Minimum and maximum belt thickness? Min Max
 - C. Edge?
 - i. Slit/cut edge, or Slit/Cut
 - ii. Molded/cap edge? Molded/Cap
- b. Uncured belts with profile
 - A. Profile created by?
 - Rough-top fabric
 - Metal mold/die
 - A. Profile top and bottom? Or top side only? Both Top
 - B. Existing molds or new molds to be built? Existing New
- a. Cured slab belts, which will have a profile added
 - A. Max cleat height?
 - i. Millimeters or Inches mm Inches
 - B. Max cleat spacing?
 - i. Millimeters or Inches mm Inches
 - C. Profile/extrusion is cured or uncured? Cured Uncured
 - D. Molds are heated or unheated? Heated Unheated

3. Press Specifications

- a. Platens can be:
 - A. aluminum (electrically heated). Aluminum Platens/elec.
 - B. Steel (oil or steam heated) Steel/oil Steel/steam
- b. Pressures from 100 psi to 300 psi
- c. Uncured Belts require a cold zone on the entrance end Yes No
- d. PLC (Programmable Logic Controller) for automatic operation. Yes No



3. Press Specifications (continued)

e. Safety devices as required:

- A. 3D lasers
- B. Floor mats
- C. Optical devices
- D. E-Stop with pull-cords etc.

4. Ancillary Equipment

<p>a. Stretcher and clamp, to pre-tension uncured belt slabs. (Can be used to position the belts to index them to the molds. Can be raised and lowered to assist with stripping the belts.)</p>	<p>Yes</p>	<p>No</p>
<p>b. Let-Off and Wind-up stands</p>	<p>Yes</p>	<p>No</p>
<p>A. Belt Specifications</p>		
<p> i. Roll diameter</p>	<p>Meters</p>	<p>Feet</p>
<p> ii. Roll weight</p>	<p>Meters</p>	<p>Feet</p>
<p>B. Reversible</p>	<p>Yes</p>	<p>No</p>
<p>C. A/C motors with VFD drive control.</p>	<p>Yes</p>	<p>No</p>
<p>c. Edge Iron Systems (Ideal for molded edge belts. Controls gauge thickness on uncured belt slabs.)</p>	<p>Yes</p>	<p>No</p>

Almex Group reserves the right to quote drives suitable to the application.

Please send the completed form to Bob.Shaw@almex.com.

