

Houston: Keeping the Presses Rolling

Maintaining Operational Capabilities

2017 Houston Weekly Print Production

- Printing:
 - ❖ 5 Daily Newspapers
 - ❖ 45 Weekly Publications
 - ❖ 108 Press Runs
- Challenges:
 - Prior to 2016 newest press 25 years old
 - No towers (Prior to 2016)
 - Original Fincor Drives
 - Original Static Belt Tension

Packaging Work

- Packaging:
 - ❖ 8 Dailies
 - ❖ Austin Weeklies (10)
 - ❖ HCN Weeklies (23)
 - ❖ 82 Insert Runs
 - ❖ 3.1 Million Jackets
 - ❖ 28.6 Million Pieces Weekly
- Challenge:
 - ❖ 5 Different inserters
 - ❖ Different Controls

The Key to Keeping it Running

- Auditing key components of the operation to ensure reliability.
- Moving away from fixing as it breaks mentality we have adopted over the tough years.
- Finding components through various sources prior to failure.

Pressroom Changes

- Rebuild of vertical and horizontal assemblies
- Upgrade of RTP's
- Purchase Color Towers on the Used Market

Vertical and Horizontal Assemblies

- Did They really need replacing???

You be the judge

- Old one



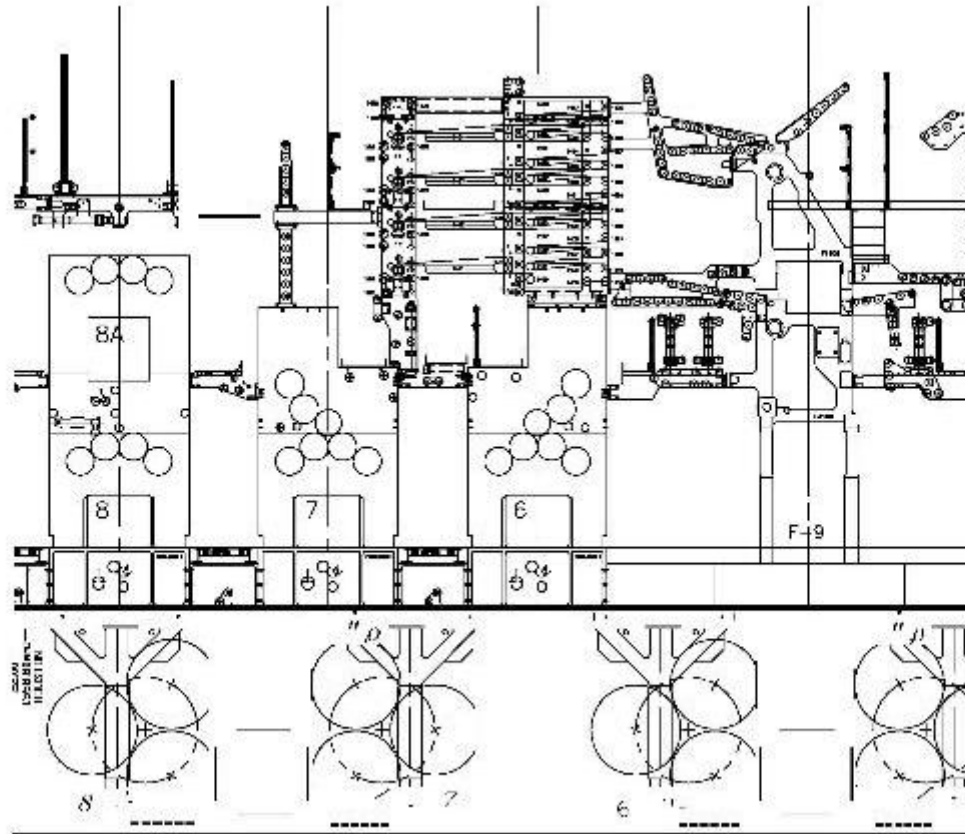
- New one



Reel Upgrade

- Why did we need reel upgrades
 - ❖ Age of presses, most over 25 years old
 - ❖ Length and complexity of Leads

Current Back to Back Configuration



Digital RTPs

Benefits:

Improved Registration

Reduced Waste

Improved Paster Performance



Press Expansion

- Houston
 - ❖ Adding two towers
 - 16 additional pages of back to back color on 10
 - 8 pages of additional color on presses 8 & 12

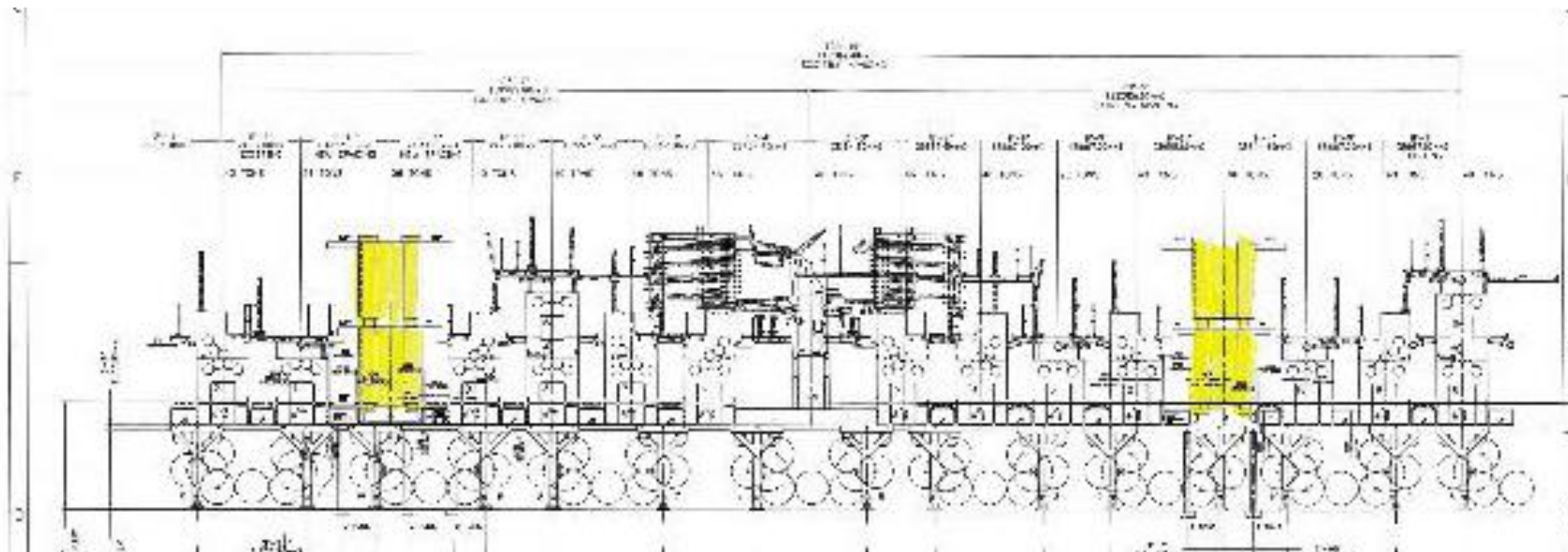
Houston Expansion

What did we put in?

Two Goss Newsliner units originally installed at the Boston Globe. Later sold to the Pittsburgh Tribune Review.



Houston Expansion



What About Press Drives

Options

- Replace all Drives
 - Vendors are available but largest capital investment
- Replace Drives one press at a time
 - Using the decommissioned components to keep the others going
- Look for Drives from other papers
 - The vulture approach



Gripper Conveyors

What we have:

- 10 Muller Martini Gripper Conveyors
- Obsolete controls

What we decided to do:

- Replace one gripper line based on wear and importance.
- Replace one set of controls that can be used to keep others running.

Finding Parts Online

The internet is a valuable tool when searching for obsolete and no longer manufactured parts. What have we found?

- Search for the type of parts that are being used on machines in other industries, examples; motors, belts, suckers, etc.
- Seek out local companies that can troubleshoot boards
- Look for original manufacturers.
- What can be remade in your machine shop or a local shop.

Questions

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