

# Quick-Start-Tower™

## Advantages

Nineteen years ago, Color Impact International Corporation designed and built the first “Continuous-Blanket-Contact” (C-B-C) tower and we are proud to say that our new tower design ( the “Quick-Start-Tower™ ” ) is the **next generation of** - and the **big-brother** to - our first C-B-C design. The Quick-Start-Tower™ was designed to be a better built and more robust machine, with many of the previous weak points removed. It requires less maintenance, is easier to operate, and has many advantages over our first C-B-C tower.

### 1. Built-in 40hp **shaftless drive with each tower**, which yields the following advantages:

- \* Motorized inch forward and inch reverse for plate changes. No hand cranking.
- \* Electronically disengages from and re-engages to the rest of the press.
- \* The tower automatically synchronizes to the rest of the press when re-engaged.
- \* Prevents severe component damage in event of a wrap-up. (only 40hp motor).
- \* Provides for electronic cut-off register compensation.
- \* Allows individual towers to angle-bar webs to adjacent / existing press lines.

2. **Hardened and ground** gears through out the entire press.

3. Oil bath gear lubrication with **low pressure warning light**.

### 4. Printing modules contain **3 ink oscillating rollers**. Less ghosting, less ink starvation.

5. **Larger ink rollers**. Ink form rollers, transfer rollers and ink skimmer rollers are larger.

6. **Greater heat dissipation**. Heat **extraction** fans do not cause plate end dry-ups.

7. Selectively **perforated roller covers** provide greater heat dissipation / tower cooling.

8. **9” space between decks**. Greater cooling and more working space for press operator.

9. **Many parts interchangeable** with parts of the existing C-B-C press lines.

10. **Unbreakable steel** roller hanger brackets, interchangeable with original C-B-C brackets.

### 11. **QuickSet\* ink control levers** standard on every tower.

12. **No space consuming console** nor associated electrical problems / maintenance.

13. **No unnecessary**, complicated, electronic functions. Serviceable by local electrician.

14. **Larger diameter** dampener pan roller and brush roller.

15. **Larger pan and brush roller bearings**.

16. **On the run bearing lubrication** provisions for dampener pan roller and brush roller.

17. **Dampener module is lighter weight** and therefore more easily removed.

18. **Tension is adjustable** on dampener baffles. No vibration movement while running.

19. Ink and dampener motors **silenced without movement of speed dial** settings.

Yellow highlight indicates savings for you. Most press manufacturers charge extra for all of these items.

\* Note: QuickSet is the trade name of the QuickSet Corporation which is a sister company of Color Impact. The Quick-Start-Tower™ was designed to operate with the optional QuickSet ink pre-setting system. The Quick-Start-Tower™ (in conjunction with QuickSet) boasts color ready copy within 500 copies.

20. **Nylon ink fountain end blocks.** No ink leakage / dripping. No ink motor overloads.
21. **Easy adjustment of ink skimmer roller.** Skimmer roller stabilizers are standard.
22. **Easy skimmer roller removal** and / or replacement.
23. Robust folder with **quarter folder rated at 35,000 cph.**
24. **\$340K per tower.** Delivered, installed, running and guaranteed for one year. ( *now \$300K* )
25. **\$115K per folder** including Quarter Folder and 20 hp DC drive and motor. ( *now \$95K* )
26. **Quick-Start-Tower™ speed** modestly rated at 30,000 impressions per hour.

## **Quick-Start-Tower™ Similarities to our original C-B-C design.**

1. C-B-C design. **No perceptible “fan-out”.** Dot-on color register **unequaled by any 4-high.**
2. **Narrow gap plate lockup** with register pin.
3. **Pneumatic** ink form roller on / off.
4. Each tower has its own **individual re-circulating water system.**
5. Plate and blanket cylinders made from solid **stainless steel forgings.**
6. **Web break detector** facilitates press shut-down in the event of a web break.
7. **Operator training** is included as part of the installation.
8. **Register controls** for each plate cylinder:
  - \* On the run side movement of  $\pm 0.100''$  (  $\pm 2.5$  mm).
  - \* On the run circumferential movement of  $\pm 0.100''$  (  $\pm 2.5$  mm).
  - \* On the run skewing adjustment of  $\pm 0.010''$  (  $\pm 0.25$  mm).
9. **Variable speed** ink and dampener drive motors.
10. Constant speed **spiral brush drive motor.**
11. **Freight FOB the customer’s premises.**
12. **It will be the customer’s responsibility to arrange and pay for:**
  - \* Removal of the Quick-Start-Towers™ and other components from transport truck.
  - \* Placement of the Quick-Start-Towers™ into their final position in the press line.
  - \* All electrical wiring / connections of Quick-Start-Towers™, folders, etc. on the press.
  - \* Making payments to the seller as mutually approved on the sales agreement.

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