

## Competitive Analysis for Automatic Coil Inserters

	<b>James Burn CB30QS</b>	<b>GBC DigiCoil</b>
Coil Diameter Range	6 – 30 mm	8 – 33 mm
Binding Edge (Min – Max)	5” – 17” (with a 17” model) (12.7 cm – 43.2 cm)	5” – 14.5” (12.7 cm – 36.8 cm)
Productivity	600 books/hr. Max	450 books/hr. Max
Pitch Availability	6mm, 4:1, .2475”, 3:1, 2.5:1 (Custom pitches are also available)	.2475”

### Comments:

- Book placement on the CB30QS is vertical – on the books’ binding edge – with gravity working to its’ advantage - easily accommodating tabs or wider covers. The DigiCoil has the book placed on about a 45 degree angle.
- The standard (6mm, 4:1, or .2475”) CB30QS will insert from 6 – 20 mm. 23 mm and above requires a larger punch hole to achieve optimum productivity levels. The GBC DigiCoil uses a .2475” pitch for the complete range of diameters, however, on 16mm and above the book must be split in halves, reducing productivity.
- The GBC DigiCoil uses a separate crimping station to cut & crimp the coil. The coil will insert, and then fall into the crimping station automatically. A common misconception is that because this process is done in a separate area, it will allow for higher productivity. The CB30QS is still up to 40% faster than the DigiCoil, even while inserting & crimping the coil during the same process. The CB30QS also clamps the book during the crimping process – ensuring a more consistent finish.