

BÖLLHOFF

RIVCLINCH® APF Solution

Automatic pocket filter solution



RIVCLINCH® APF Solution – Automatic pocket filter solution



Automated clinching system for filters

Reduced lead time and higher output – the RIVCLINCH® automatic clinching station helps you to boost your production. It is delivered complete ready to operate, once connected to a 6 bar air and 220 V supplies.



- Standard configuration 6 x RIVCLINCH® 0202 IP tool equipped with tooling for filter
- Adjustable for filter frames from 270 x 270 mm up to 915 x 915 mm
- Length 3 m, overall width 1.6 m
- Loading or/and unloading conveyors, with automatic transfer
- Up to 9 x RIVCLINCH 0202 IP possible
- Mechanical strippers (option)
- Die cleaning (option)

Automated operation

The operator inserts the filter frame with the pockets into the loading area and starts the cycle. The filter frame is automatically pushed forward under the working heads. As soon as the filter bag is in position, the process monitoring starts the downward movement of the working heads and the clinching cycle. After completion and automatic testing of the clinching process, the arm is lifted to allow positioning of the next filter bag, etc. When all filter pockets are clinched, the mounted frame can be removed from the rear.

Your benefits at a glance:

- Reduced lead time
- Increased productivity: up to 500.000 pocket filters a year
- Can be used manually or automatically
- For existing or new lines
- Every 5 seconds the same clinching sequence guarantees the perfect clinching joint

Manual solution: Metal frame assembly table

Specific assembly table designed to prepare filter frames for the automatic line or for complete manual assembly with optional clinching, stitching and riveting machines.

Equipment:

- RIVQUICK® P1000 or RIVQUICK® T1 for Riveting
- RIVSTITCH® 0101 for stitching
- RIVCLINCH® 0201 IP for clinching

