



Design & Production

PAPER

~ Paper reel joint (AL-JOIN)



Optimisation of the production process
and improvement of the finished product



PAPER

Paper reel joint (AL-JOIN)

AL-JOIN is a machine that allows for joining two paper rolls of equal or different widths in a fully automated manner.

The machine's operation starts from a reduction of the paper's thickness by means of a system of wheels, then they are adhered using PVA and finally they are wound to create a new reel for the corrugator.

AL-JOIN comprises the following components:

- 2 splicers.
- 2 reel stands.
- 4 tracks.
- System of wheels that move automatically.
- Paper thickness control system on input and output of the wheel system.
- Paper positioning master sensor for the guide's reference.
- Laser indicator pointing at the position the reel needs to be placed in.
- Automatic splicing system on finishing the reel.
- Guide.
- Automatic roller head.