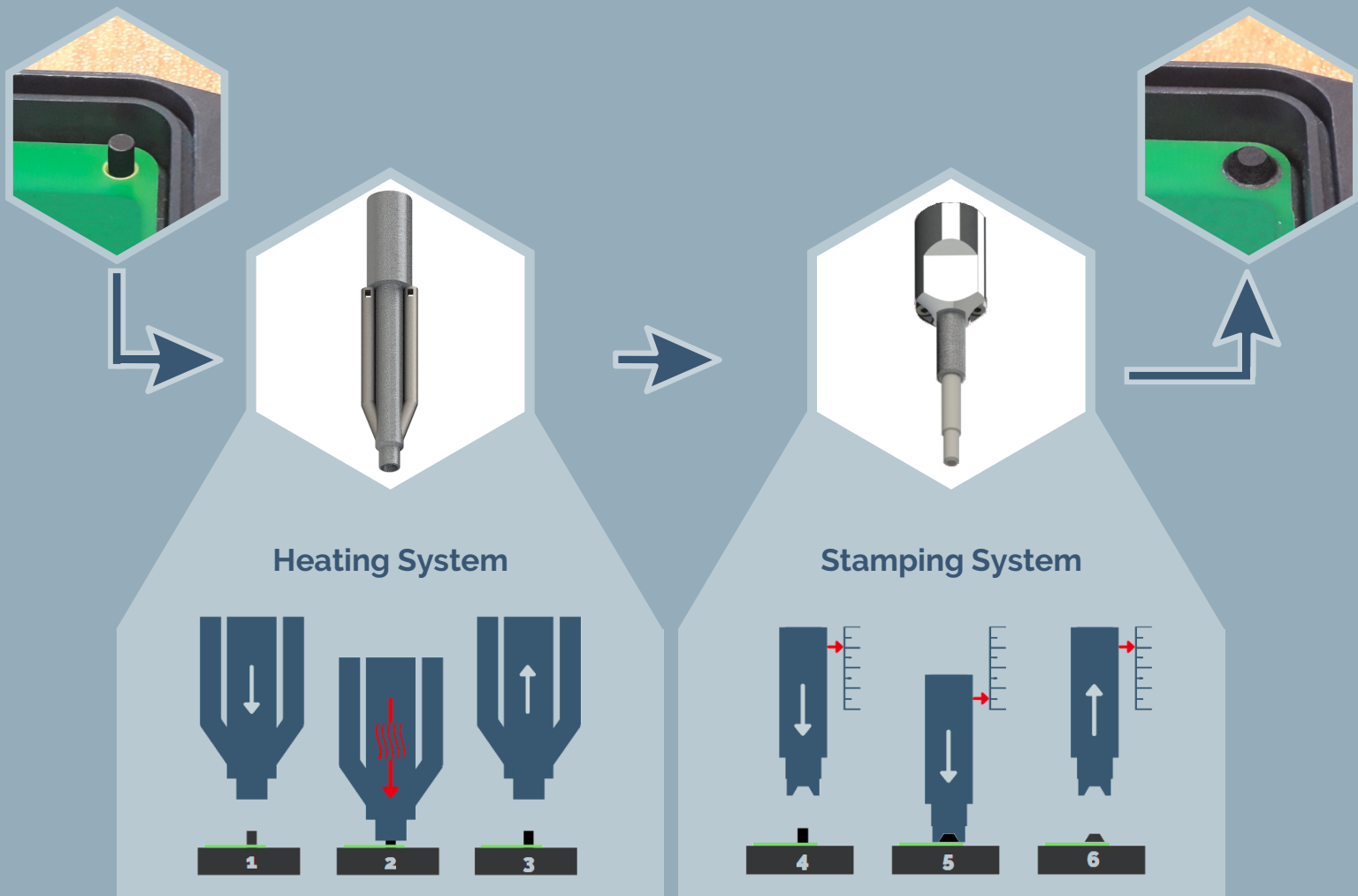




HAR : Hot Air Riveting



Process description

- ▶ Heating of the stake over its glass transition temperature
- ▶ Deforming this stake by forcing with the stamp
- ▶ Fully automatic process

Technical characteristics

- ▶ Cycle time : 15-20 seconds
- ▶ Adjustable heat temperature : up to 350 °C
- ▶ Adjustable flow : 1 to 50 L/min
- ▶ Stamp's strenght : up to 120 N
- ▶ Instant stake height measurement

HAR Versatile Machine

Benefits

- ▶ Completely mobile station design
- ▶ Heating and stamping tools easily removable
- ▶ Light curtains which stop the machine when crossed
- ▶ Versatile machine : Easy conversion from low to high volume production
- ▶ Perfect to realize prototypes or tests
- ▶ Process quality verification

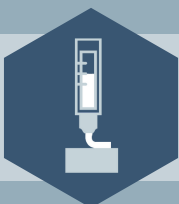
Characteristics

- ▶ Dimensions : 1 x 1.4 x 2.4 m
- ▶ Operating zone : 320 x 240 x 150 mm
- ▶ Weight : 1.05 Ton
- ▶ Power supply : 400V, 50Hz, three phases
- ▶ Air supply : 6 bars
- ▶ Heating regulation and flow control independent by nozzle
- ▶ Setting of the HAR pressure
- ▶ Measurement of the rivet height
- ▶ Possibility to add up to 12 stamps to speed up the process

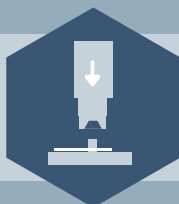


▶ Other processes available :

Dispensing
& Potting



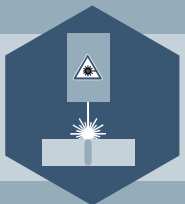
Hot air
riveting



Pressfit



Welding



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