

DESMA

automation

CEMENTING PROCESS

amir[®]c



THE CATALYST OF YOUR SUPPLY CHAIN

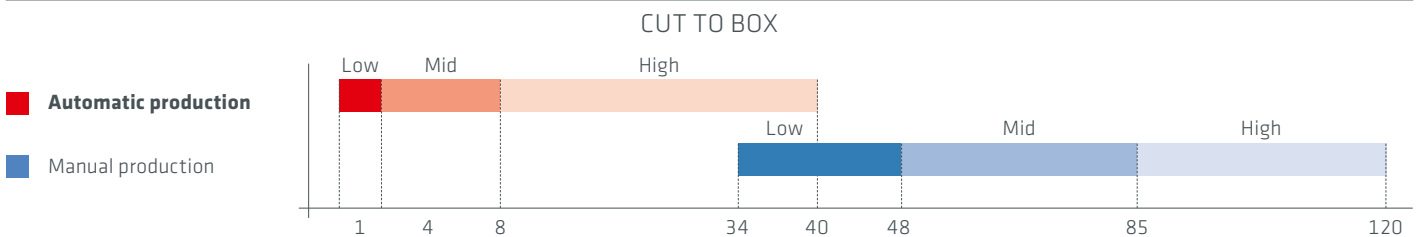


More than 30 years experience in industrial engineering

- > FIRST ROBOT CELL INSTALLED IN **1987**
- > FULLY AUTOMATIC PRODUCTION LINE: WITHOUT INTEGRATED ROBOTS **1983**, WITH INTEGRATED ROBOTS **1991**

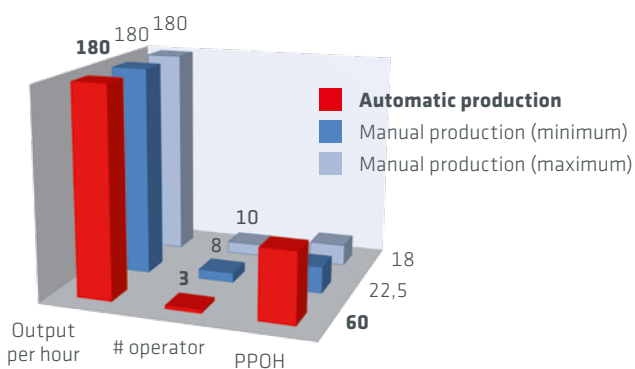
Today the **amir**® range proposes solutions for the automation of tooling operations – cell or line. Most production processes and types are addressed.

OPERATOR WORKMINUTES PER PAIR



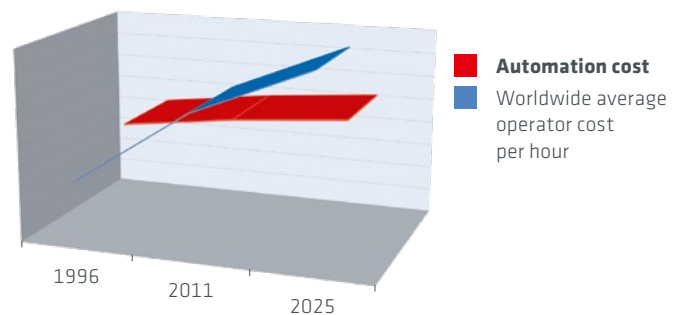
PAIR PER OPERATOR HOUR (PPOH)

ASSEMBLY: LASTING TO DELASTING



COST EVOLUTION

(US\$)



APPLICATIONS AND SOLUTIONS



amir[®]c

ROBOTIC APPLICATIONS



PICK & PLACE



PICK & PLACE COMPONENTS



LEVELLING



SCOURING



BOTTOM ROUGHING



SIDEWALL ROUGHING



LASER ROUGHING



CEMENTING
(spraying)



SPRAYING PRIMER/CEMENT
(moving the tool)



SPRAYING PRIMER/CEMENT
(moving the last)



BRUSHING PRIMER/CEMENT
(moving the tool)



BRUSHING PRIMER/CEMENT
(moving the last)

DESMA SOFTWARE



DEScom[®]



DEScan[®]



DESident[®]



DESMA GRC[®]

AUTOMATION DEVICES



INDUSTRIAL ENGINEERING



LAST TOP PLATE



COMMUNICATING



TRANSPORTING



CONDITIONING



SCANNING



COMPUTING



DIGITIZING



QUALITY CHECK

About DESMA

DESMA: Your leading technology partner in the areas of:

Polyurethane mixing technology

- > Manual, automatic and robot guided polyurethane mixing heads – self-cleaning – are characterised by convenient operation and high reliability.



Automation technology

- > Robotic applications, DESMA software and certain automation devices are also suitable in PU processing in the areas of release agent application, handling and complex contour work.



Mould shop

- > DESMA has always placed especial emphasis on a highly professional mould shop; our customers receive complete solutions from one source.



Rotary tables

- > Since 1950 DESMA has been successfully producing rotary tables for the shoe industry. The programme ranges from 4 station to 60 station rotary tables for the processing of Rubber, PU, TPU and other thermoplastics.



Customer Service Center

- > DESMA teams work in closest co-operation with customers and materials suppliers to achieve the best solutions and products.



SAFE IN DESMA'S HANDS

Worldwide service

- > DESMA supplies efficient and economical production systems of highest quality, reliably and fast, to manufacturers worldwide. Global service is ensured not only by our HQ in Germany but also by DESMA agents all over the world.

Highest quality

- > All DESMA machines are "Made in Germany."

Longlife products

- > DESMA products are characterised by a long lifetime: an investment in your future.

Spare parts

- > DESMA guarantees customers a fast spare parts service worldwide: Our principle: Short ways – short reaction times.



QR CODE FOR MORE INFO

Our current terms and conditions apply to all business fields. The contract entered into between DESMA and the customer is legally binding in regards to product. Details shown in this brochure do not guarantee certain characteristics or operational possibilities. They are to be taken as general information, and may also differ. The products shown are to be seen as possible production alterna-

tives. The illustrations may show products which have been developed to customer's individual wishes and may be only available as individual customer solutions. Products shown in this brochure may show special extra features which are only available at extra charge. Details as to delivery contents, appearance and service as well as measurements and weights are correct at time of

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