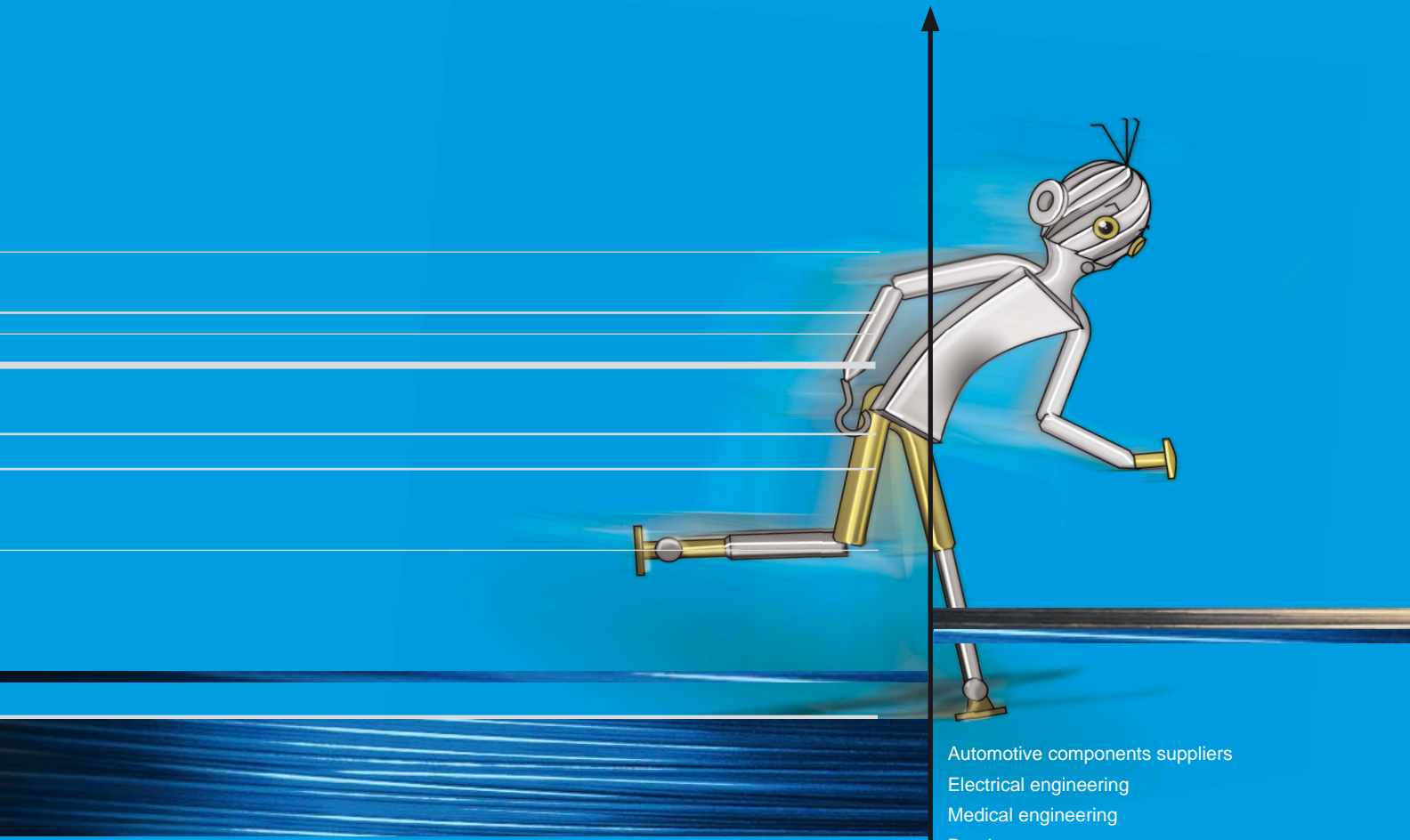


PRECISION + SPEED

= EFFICIENCY



bündgens
Jouhsen
MASCHINENBAU GMBH



- Automotive components suppliers
- Electrical engineering
- Medical engineering
- Dentistry
- Domestic appliances
- Machine engineering in general
- Clock and watch industry
- Chain making industry
- Needle roller bearings
- Textile industry
- Eyeglass industry
- Lamp and bulb
- Bearings
- Roller bearings
- Batteries
- Printed circuit boards
- Dental drill bits
- Sparkplugs
- Drive motors
- Pins
- Wiring pins
- Connector elements
- Semiconductors
- Diode pins
- Battery nails
- Airbag pins
- Shafts
- Axles
- Motor pins
- Sparkplug pins
- Lancets
- Cannulae
- Catheters
- Dental drill bits

Wire products play a fundamental role in any industrial market segment, ranging from automotive industry sectors to medical industrial divisions. Millions of wire components and cutoffs are given their characteristic and functional shapes with the Jouhsen-bündgens machinery. From wire roll to finished product, there is plenty that needs to be done: straightening and cutting, heading, bending, shaping, grinding, moulding and welding.



PRECISION + SPEED

= EFFICIENCY

The tooling unit is the "true heart" of all Jouhsen-bündgens machines, engineered individually to specifically enhance the application they are required for. The considerable focus put on all core processes ensures machines capable of the most accurate processing of even the thinnest wires at extraordinary high speeds. Precision and speed enable highly efficient and stable production processes, ensuring top-notch quality at reduced piece costs.

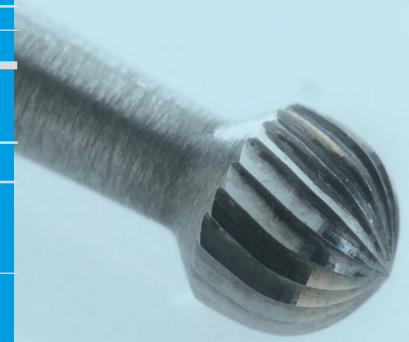
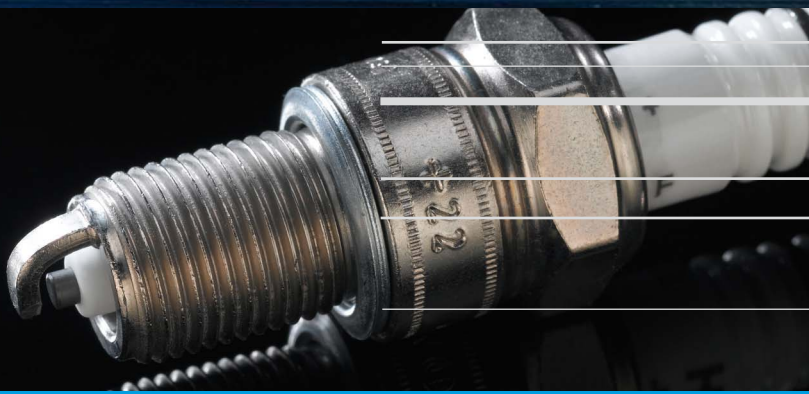




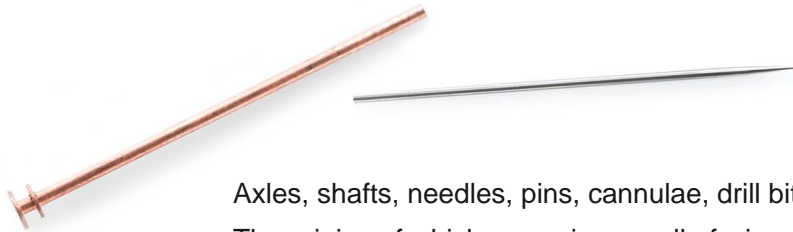
straightening
cutting
electro fission
heading
cold forming
bending
shaping
grinding
moulding
welding
feed-in



assembly
storing
packing
continuous wire feeding
socket to socket sections
rotating-straightening
loop control
short cuts
cam control
CNC control
linear drives
multi-level heading processes
section quality
straightness
high performance
length tolerance
surface quality
process stability



APPLICATIONS



Axles, shafts, needles, pins, cannulae, drill bits ...

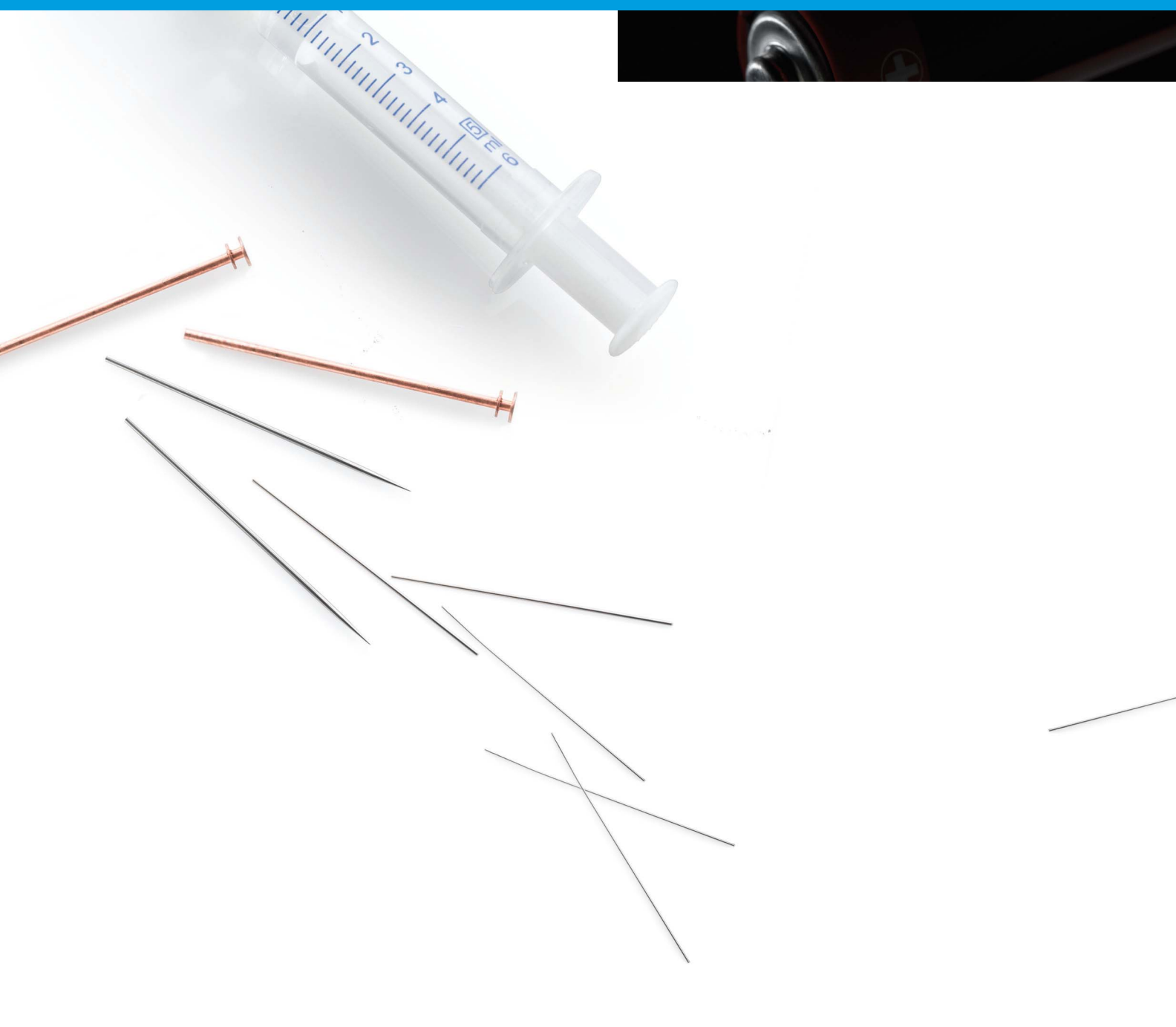
The origins of which are a ring or roll of wire.

The Jouhsen-bündgens machines process any wire and tubing, either round or profile-moulded with diameters ranging between 0.02 mm and 16 mm, and relative lengths ranging between 2 mm up to 6,000 mm.

And be it high-strength wires, steel, non-ferrous metals and alloys or precious metals as well as special materials such as tungsten, molybdenum or tantalum, Jouhsen-bündgens will consistently come up with the superior technical solution.

The part produced by the machine is characterized by: uniform and square cuts, tight tolerance, excellent straightness and surface finishes.

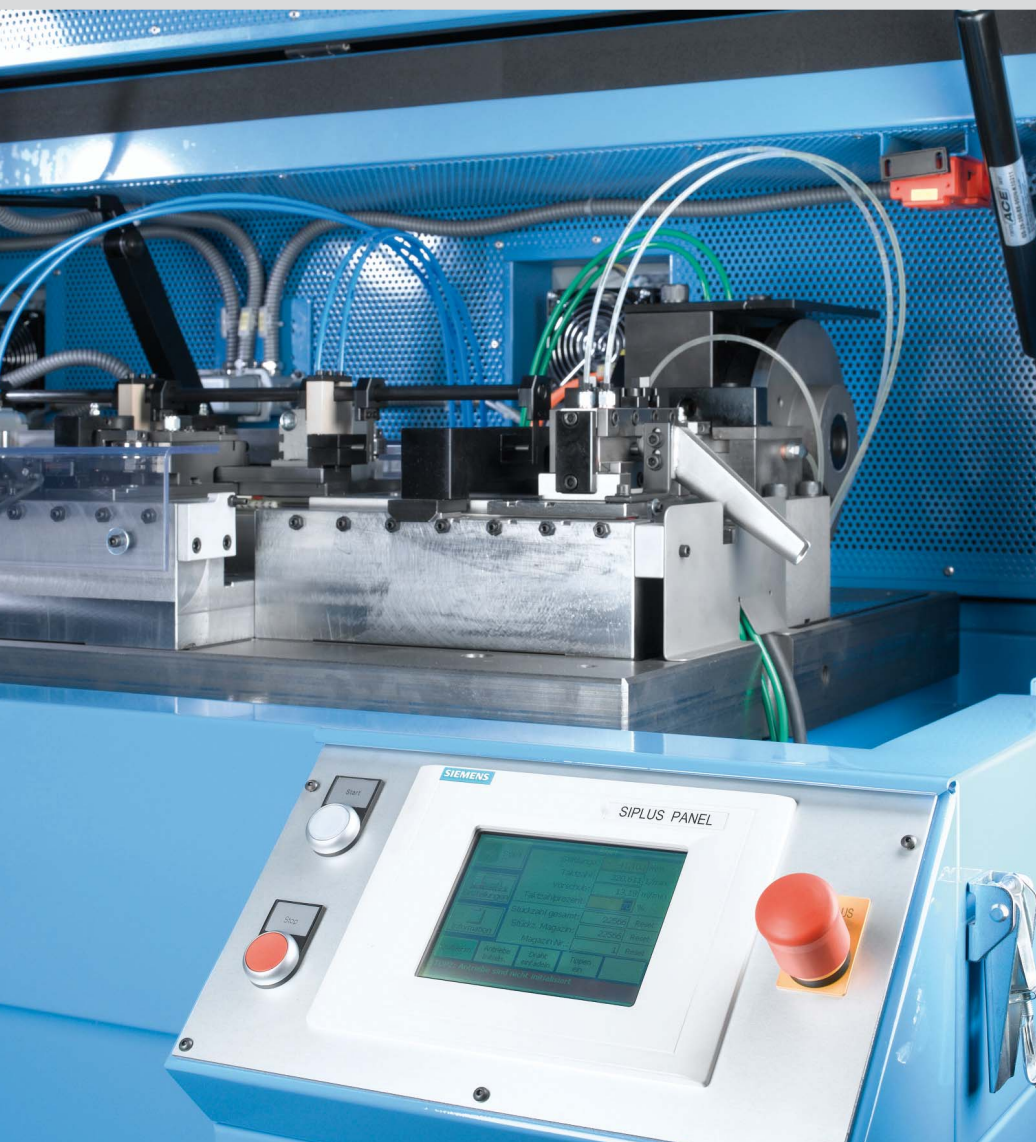
These precise characteristics are repeated for each individual piece millions of times over, resulting in outstanding quality.



Jouhsen-bündgens has been engineering and constructing solutions for high-precision and top-speed wire processing cycles for three decades.

By pooling our resources with you, we shall successfully select the machine concept that will best suit your requirements.

MACHINES



PrecisionCut MJC
PrecisionCut UD
PrecisionCut MJCE

PrecisionCut MJR

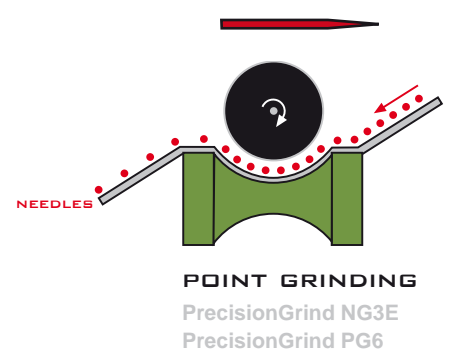
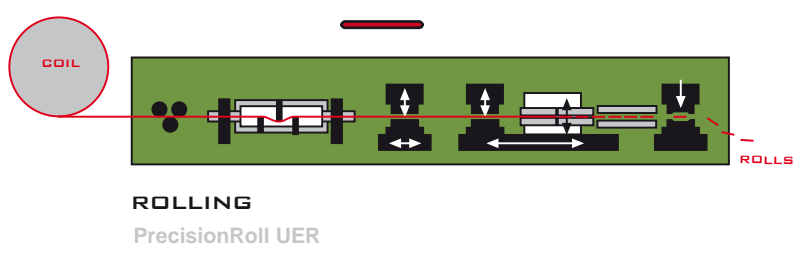
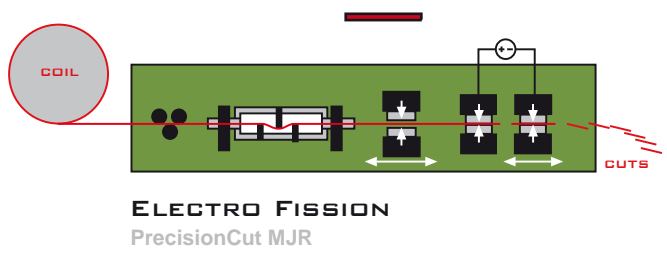
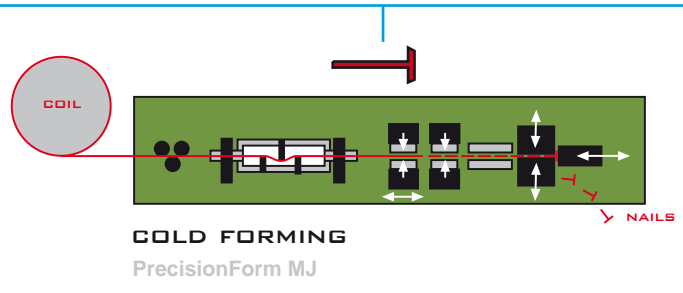
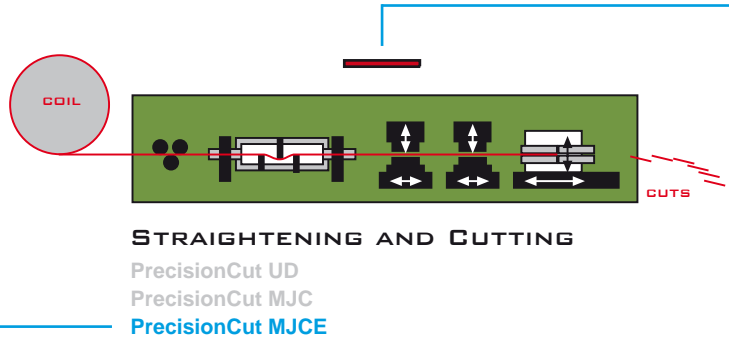
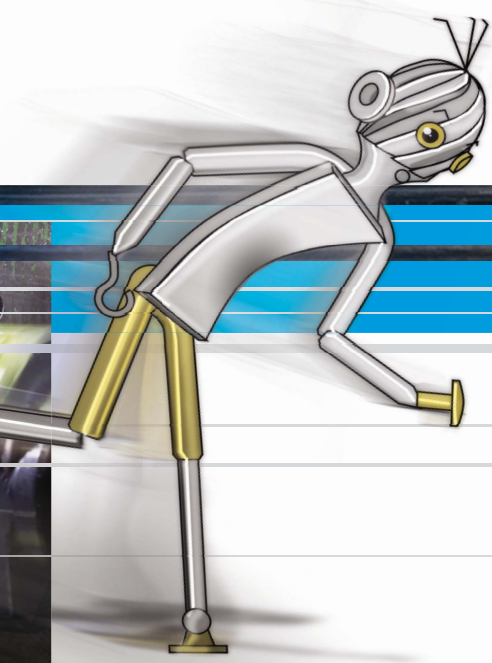
PrecisionShape MJE
PrecisionShape MJE 2

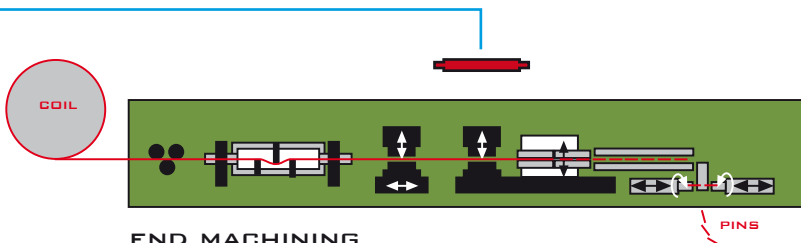
PrecisionForm MJ

PrecisionRoll UER

PrecisionGrind PG6
PrecisionGrind NG3E

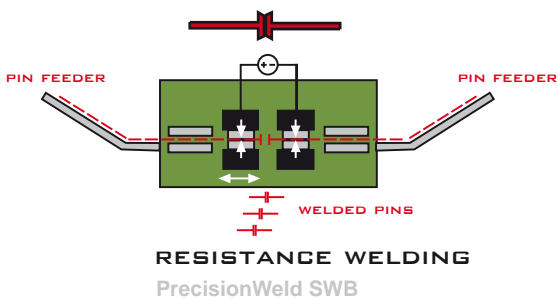
PrecisionWeld SWB



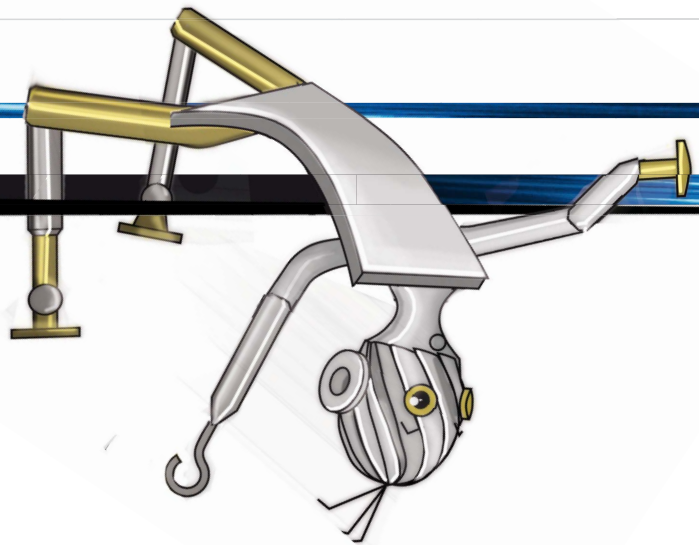
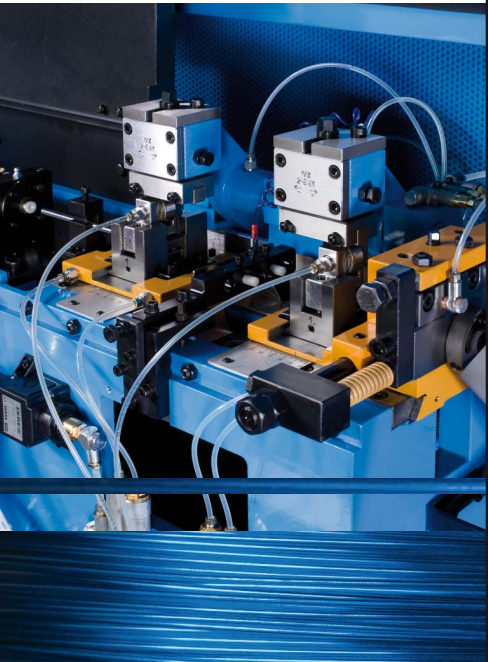


**END MACHINING
CHIPPING**
PrecisionShape MJE
PrecisionShape MJE 2

The core processes constitute straightening and cutting, cold forming, end machining, point grinding and resistance welding. All machines can furthermore be enhanced for in-line process integration: feeding, assembly, storage and packing. Together with the tooling element concept, it is always your application which lies at the heart of the machine, with any further machine component subject to modular arrangement. That is your concept for machines ensuring efficient, stable production processes: For increased quality with minimal item production costs.



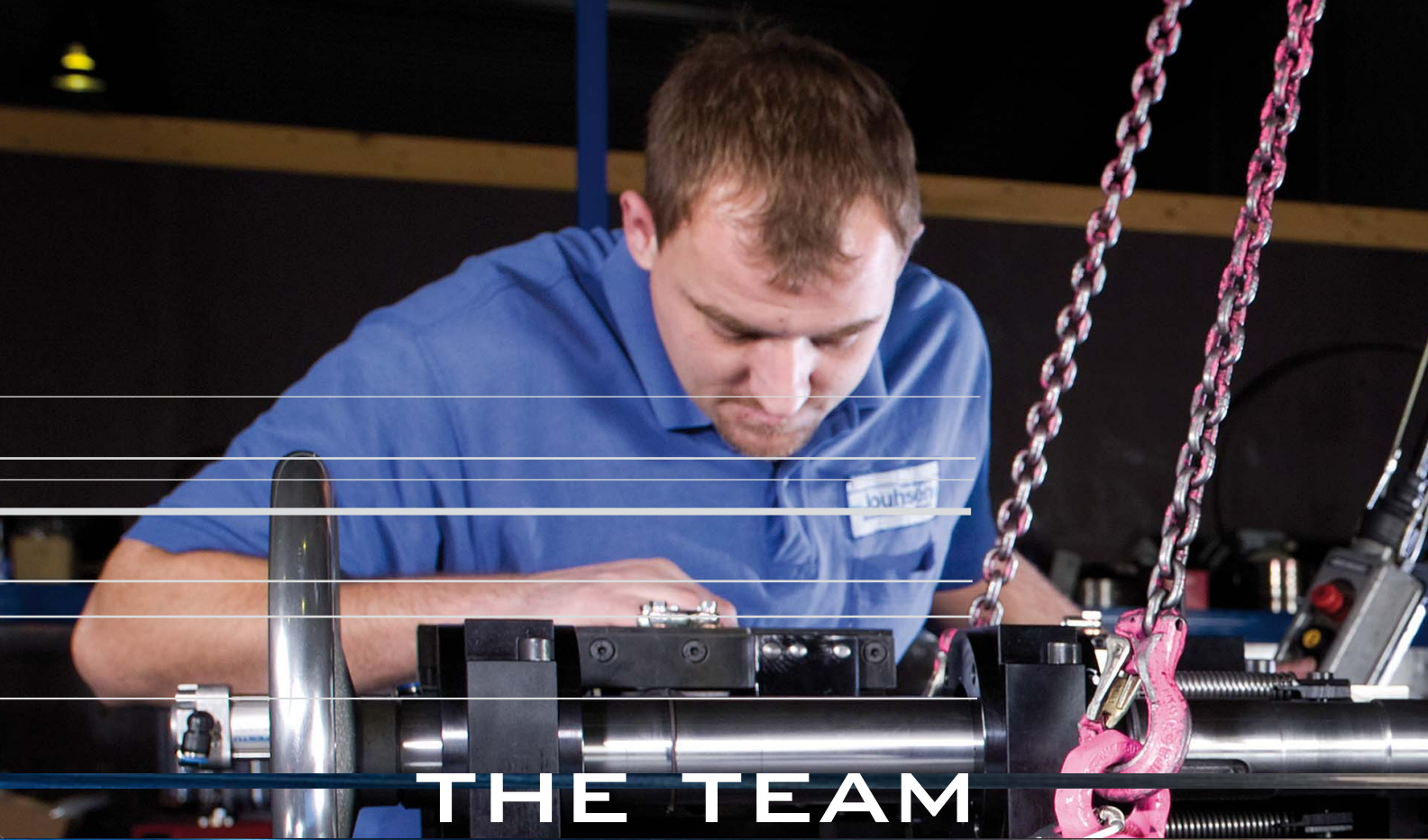
RESISTANCE WELDING
PrecisionWeld SWB



Our groundwork is all about innovative conceptual reasoning for technologically creative solutions: cutting edge production technology implemented with a great deal of practical know-how combined with outstanding levels of quality awareness for guaranteed performance.

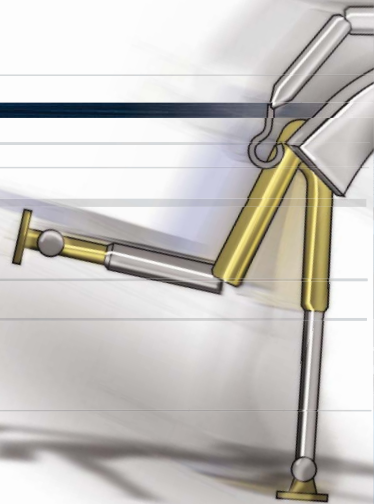
Resulting in machines turning out your products with speed and precision, warranting maximised production efficiency.

Contact us. We shall be happy to be of service to you.



THE TEAM





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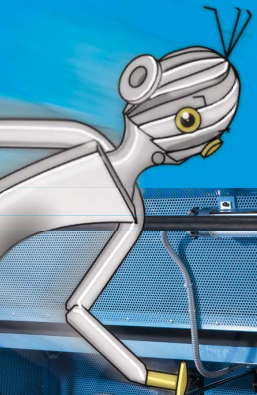
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