

AUTOMATION: STAMPING PROCESSES



WHO WE ARE

More than 30 years' experience and the satisfaction of our customers endorse us as

EXPERTS ON FASTENING

TECHNOLOGY.

We strive to know the problems our customers face daily.

Only this profound knowledge of our customers allows us to design and offer products that provide a solution to the stamping processes.

TECHNICAL SALES ENGINEERS TEAM



Visit our web site www.misati.com to contact the sales engineer in your area.

PATENTED TECHNOLOGY



Our **minipincers** have many exclusive technical advantages, but the important thing is the benefits the customer will get with them: reduction in costs and increase of the productivity.

QUALITY PRODUCT



Just because we are convinced about the quality of our products, our minipincers are guaranteed for **7 years or 20 million cycles**. All of them are marked with number, lot and year of manufacture (traceability).

OWN PRODUCTION



Mass production, with state-of-the-art CNC machines, precise quality control and process innovation and improvement.

INTERNATIONAL DISTRIBUTION NETWORK



Standard elements on stock, with no added costs (packaging and shipping costs up to destination (EU) are included on the price list) and after-sales service.

TRAINING CENTRE



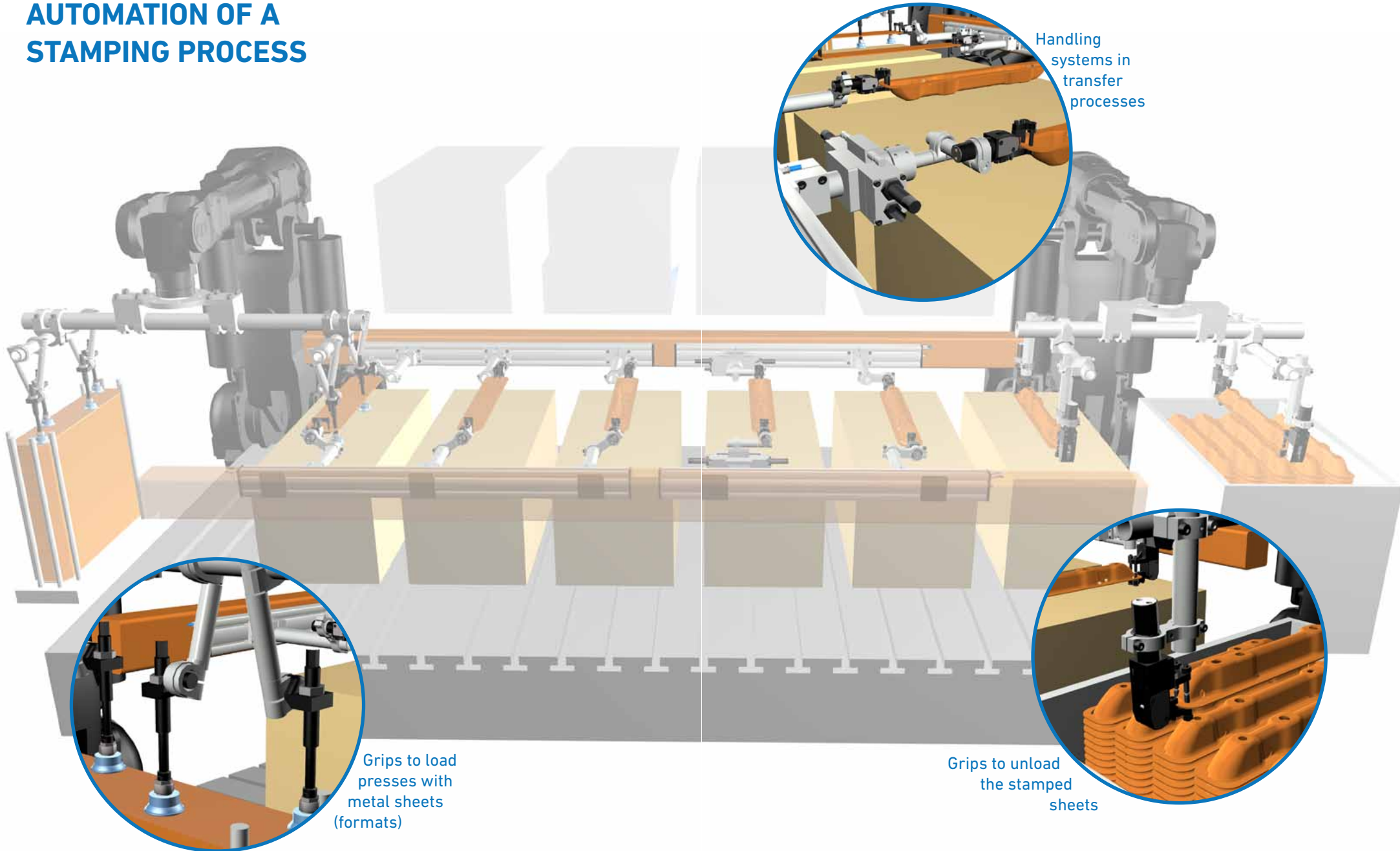
We provide technical training for companies stamping metal sheets and manufacturers of dies. We focus on production techniques for the following stamping automated processes:

- Transfer Press
- Grips for loading and unloading presses & interpresses

MISATI

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AUTOMATION OF A STAMPING PROCESS



Handling systems in transfer processes

Grips to load presses with metal sheets (formats)

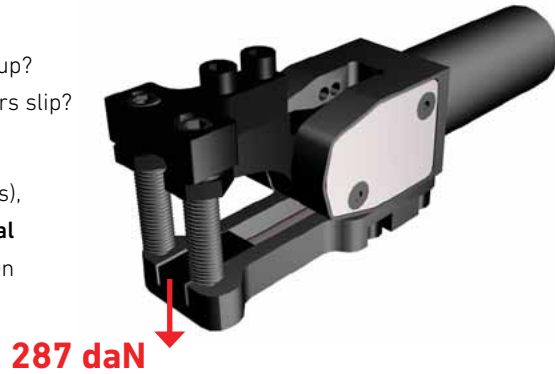
Grips to unload the stamped sheets

Misati's exclusive and patented technology provides the following benefits:

MORE PRODUCTIVITY

We want the press to stamp more sheets per minute, but what happens if the transfer speeds up? or if the sheets fastened by the pincers slip?

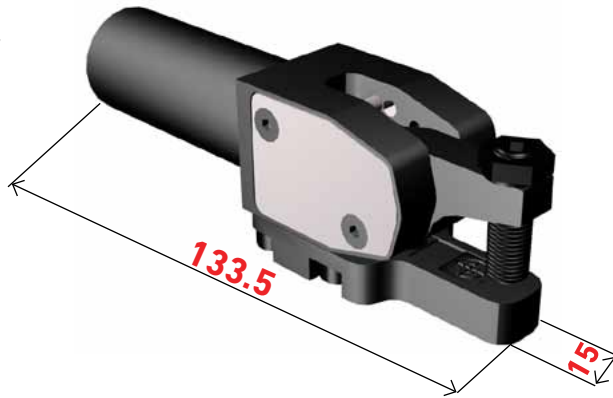
Thanks to a higher holding force (**59%** more than other manufacturers), Misati minipincers **guarantee the total safety when handling sheets** between dies, even at high accelerations.



MINIMUM SIZE & WEIGHT

Misati pincers are "mini" because they are **lighter and smaller** than other manufacturers' ones.

- Their minimum size (up to **47%**) facilitates their **access to the small cavities of the die**.
- Their minimum weight (up to **17%**) contributes to **lighten the transfer**, and so it is more productive.



0.49kg

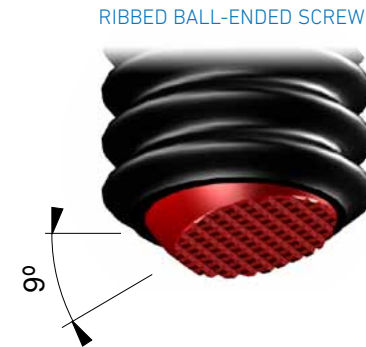
CONSUMPTION SAVING

The **lower air consumption** of our minipincers means saving up to **187€**/year per pincer, i.e., the cost of the components of the transfer is recovered quickly.



GUARANTEE & RELIABILITY

- The force mechanism has been designed with rolling elements in order to guarantee 20 million cycles.
- Gripper fingers with ribbed ball-ended screws perfectly adapt to the sheet to fasten.



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SHOVELS 3-01

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