HOT STAMPING CLAMP

Misati, expert on handling parts, proposes a **Clamp for High Temperatures** as a solution for **Hot Stamping** or **Hot Forming** applications.

Boron steel parts are more rigid and less thick than conventional steel ones. By using them in the car bodywork, the car's performance in case of impact is improved and weight is reduced, so fuel consumption is lower and its dynamic performance en route is better.

These advantages give a promising future to this technology. Stamping companies, however, face up to a great challenge: **how can they move these parts from the furnace (1,000°C) to the press die?** With Misati's High Temperature Clamp.

Photos by Diede, www.diede.es

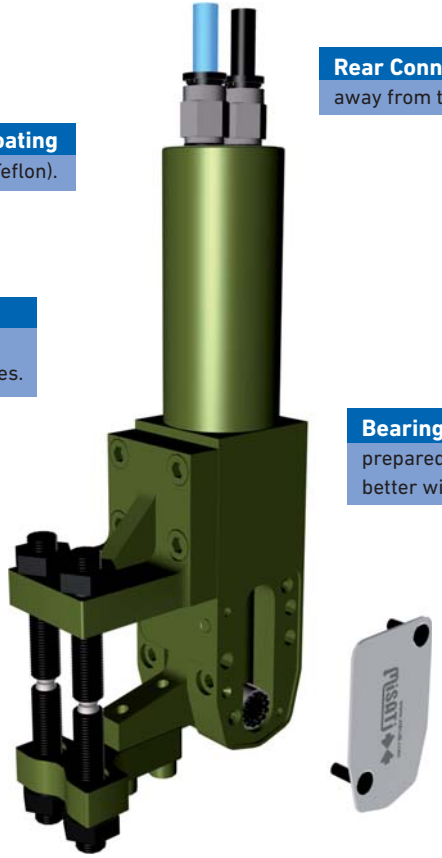
Thermal Protective Coating
made of fluoropolymer (Teflon).

Rear Connections
away from the heat source.

Viton O-rings
Viton is a material which endures high temperatures.

Bearings
prepared and reinforced to better withstand heat.

Gripper Fingers
specially designed to avoid transmission of heat into the internal mechanism of the clamp.



With Misati's High Temperature Clamps, your robot will move the sheet from the furnace to the press die **with complete safety.**

MISATI

MISATI, S.L Puig i Valls, 15, 08028 Barcelona (SPAIN) - Tel: (+34) 93 440 47 27 - Fax: (+34) 93 448 05 75 - misati@misati.com - www.misati.com