

SMART is the new all-electric (8 axes) tube bending machine with 3D visual programming software (VGP3D), SMART meets the following requirements:

- Can be freely and quickly switched into right-hand or left-hand configuration
- Multi-stack
- The automatic load and unload integrated in the machine offer the possibility of lights-out operation
- Compact machine with small footprint (compact layout)

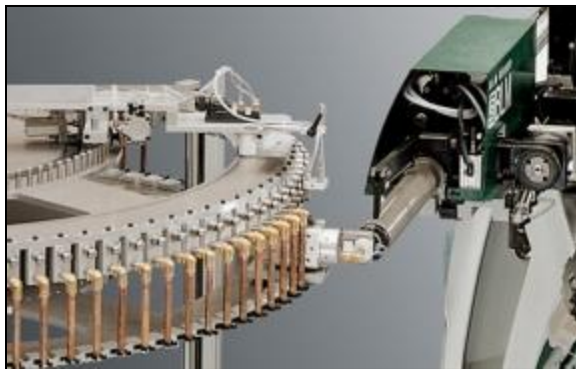
Suitable for the bending of tubes up to diam. 28 mm, SMART offers the following advantages:

- Fixed or variable radius bending
- All critical machine setting parameters are fixed and managed by the CNC (clamping, pressure die, mandrel, CLR)
- Set-up data are stored together with the piece program
- Constant repeatability and accuracy
- Cheaply to run (power consumption reduced up to 50% compared to electro-hydraulic machines)
- Environment friendly: no oil disposal, noise level < 70dba
- Reduced capital expenditure
- Easy to use

Programming is made through the BLM graphical interactive programming software VGP3D, with:

- Component feasibility check and generation of the most suitable working cycle (times and costs)
- Likely collision risks are highlighted and the most efficient avoidance route selected automatically
- By simply inputting the components bend coordinates, the complete bending program is graphically simulated

Particularly suitable for the bending of tubes with complex shape and multiple bending radii, even pre-assembled (fittings, end-forms, etc.), mostly used in the automotive branch (hydraulic pipes, air conditioning, power supply) as well as HVAC.



More models available.