



Advantages of the CNC Bending Kit Nargesa

- > **Absolute positioning control:** With a high-resolution 4096 impulse encoder, quadrature decoder, A+B channels, 5 Vdc, DB9 connector.
- > **Smart predictive system:** Developed exclusively by Nargesa and built into a CNC ESA S625 control, it helps obtain the desired radius right away which minimizes material waste and speeds up the process of creating complex pieces.
- > **Easy to program:** Anyone with minimal knowledge can bend highly complex pieces.
- > **Repetitiveness:** Guarantees the creation of identical pieces with minimal tolerances.
- > **Varied bending speed:** The speed can be adjusted irrespective of the bending operation or material to be bent.
- > **Perfect pieces with soft transitions:** Thanks to the interpolated axle control with independent speed adjustment during bending.
- > **Clear and intuitive user interface:** Developed to simplify the process of creating and editing pieces for the most accessible user experience on the market for all operators, irrespective of their prior experience.
- > **Connectivity and industry 4.0:** Standard in our product to offer customers the best after-sale experience in the market, a remote connection to Nargesa's technical service via the Internet enables professional advising, real-time software updates and immediate assistance.
- > **Easy to install and connect:** All machines are prepared for easy installation.
- > **Durability and reliability:** Combined with an elegant design featuring a built-in high-resolution encoder inside the perpendicularly adjustable measuring axle, and a gas spring guided by linear sliding bearings with a lock knob and rotating, bendable control handle.
- > **Plug and play:** Makes the installation of the new CNC bending kit on the MC550 and MC650 tube and profile bending machine the easiest procedure for quick start-up without any tedious configuration work.



- > **CNC bending software:** Gets radiuses right away, axle interpolation, bend direction configuration, soft transitions, step-by-step, digital mode.
- > Photocell: 300 mm long-range direct reflection, PNP NO output, M12 connector.
- > Gas spring: 200 newton release speed, lock knob, guided by linear sliding bearings, rotating and bendable handle.
- > Maximum speed: Up to 90 mm/s with the MC650, up to 70 mm/s with the MC550.
- > Completely automatic bending: Control button with an indicator light.
- > Material savings: Up to 90% less material waste.
- > Ready to bend, ready to produce: Our more than 50 years of experience manufacturing industrial machinery and our deep knowledge of the processes involved with creating pieces have allowed us to develop the best CNC bending software available today on the market with a great quality/price ratio. Designed expressly to facilitate the creation of complex geometries, it combines processing power and simple handling with step-by-step, digital modes to move from a conceptual idea to a perfectly finished piece in just a few minutes.
- > Total connectivity for an unbeatable experience: At Nargesa, we believe satisfied customers make for our best marketing strategy. That's why we're committed to offering the best machines on the market at an excellent quality-price ratio, and also go one more step beyond that by providing excellent after-sale service including professional advising, software updates and immediate assistance over the Internet with total connectivity to implement a real industry 4.0.

For all of these reasons, the all-new CNC bending kit is an essential product that not only complements the Nargesa MC550 and MC650 pipe and profile bending machine, but also **revolutionizes the experience of manufacturing pieces with versatility and ease-of-use found nowhere else. We're on the forefront of the CNC bending industry.**

All our products are manufactured in our facilities in Spain. Hydraulic and electrical components are completely standard from the best European leading trademarks, with technical support all over the world: **Rexroth, Bosch, Roquet, Schneider Electric, LG, Telemecanique, Pizzato...**