

CNC PROFILE BENDING MACHINES

Machine engineering



PRIMEARC CNC

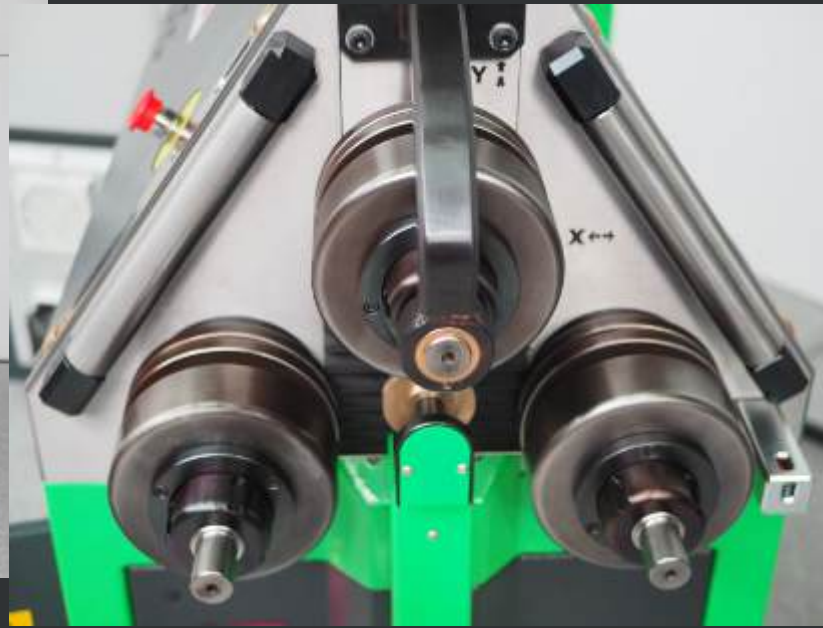
Profile bending machines

PrimeARC 50 CNC

with an upper pressure roller and a shaft diameter of 50mm



See more
about 50 CNC



PrimeARC 40 CNC

with lower forming rollers and a shaft diameter of 40mm



See more
about 40 CNC



Machine structure

The structure of the presented machine allows you to work in a vertical and horizontal position. Feeding of the material is carried out by an electric motor with a reducer and a set of gears in order to distribute the power feed to all rollers. The system is equipped with an inverter that allows you to change the engine speed and, consequently, the feed speed of the material.



The 100% of structure of the machine was designed and made in Poland in accordance with applicable EU safety standards and regulations, which is confirmed by the CE declaration of conformity attached to the machine.

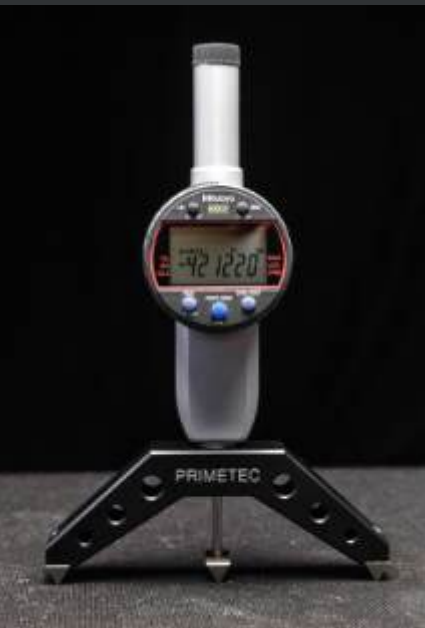
Control of the machine

The machine functions and operations are controlled from a mobile desktop with foot pedals responsible for the direction of material movement in manual mode, buttons on the control desk and a touchscreen operator panel with built-in memory that allows you to save programs and machine operating parameters.

Navigation of the individual panel functions is intuitive and simple. The basic functionality is provided by the manual mode and the buttons for the movement of the forming rolls. The main function and the greatest advantage of the software is the automatic mode that allows you to repeat the previously saved sequence of movements of both axes. This mode enables the repetitive execution of geometrically complex shapes with the operator's participation limited to loading the material and extracting the finished element.

Digital radius gauge

Device for direct reading of the measured radius. Based on the needle deflection of the dial indicator, it calculates and displays the result in real time. It can be used to measure bent sheets, pipes, profiles. It serves as a quality control tool and an aid for operators of metal forming machines. The PrimeARC MES 130MT radius gauge is part of the equipment of the PrimeARC profile bending machine. It is also available separately as individual order.



Tooling systems for bending machines

We design and manufacture tools for profile bending machines, where special solutions are required. The tools we offer are manufactured and subjected to heat treatment in Polish proven companies that have been cooperating with us for many years.



From design to realization

The Primetec company was established as the result of many years of experience of its founders in the metalworking industry regarding the selection, sale and service of machines at Technologie Formowania Metali Sp. z o. o.

At the beginning, the Primetec was a dedicated supplier of high-quality tools for mandrel, mandrelless and profile bending machines. Designing and then manufacturing of tooling systems for bending machines for pipes or profiles is still a key item of our offer, but it has been extended with new proposals.

Among them are profile bending machines designed and made by us - the PrimeARC CNC series. The machines, entirely manufactured in Poland, represent a competitive system in every respect to those present on the market.



Bending machines

Design and execution



Tooling systems

Rollers, molds, tool sets



Digital radius gauges

Device for direct reading of the measured radius



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Let's stay in touch!

