



# ACF200-CNC

## CNC cylinder boring - resurfacing machines

---

The ACF200.CNC boring machine combines the two main operations of reconditioning the monoblocks of cars and trucks, such as boring and smoothing, in a single machine and now completely automatically thanks to CNC control.

The finest finishing and precision qualities that characterize it are the result of a combination of a proven mechanical design and the introduction of highly innovative technology solutions that make it smart even faster and more practical to use.

[Browse other cylinder boring machines.](#)



## Standard equipment

Computer Numerical Control using LINUX  
Operating System and ARMv8 CPU Processor  
Precision Ball screw drives on 3 Axis  
Movements by linear railways on 3 Axis  
Brushless motors on 3 axis controlled by CNC  
Swing arm control panel with double touch  
screens  
Electronic Handwheel for manual displacement  
on 3 Axis (Fast-Medium-Fine speeds)  
Full automatic and programmable working  
modes for boring and milling operations  
Wi-Fi and LAN connections for support and  
service  
PV0160 pair of parallel supports  
PV0021 large clamps (2 pcs.)  
PV0022 small clamps (4 pcs.)  
Wrench set  
Instruction manual

## Specifications

Boring range: 30÷170 mm  
Max head vertical travel: 700 mm  
Min-Max distance from head to table:  
370÷1020 mm  
Distance between spindle C/L and column: 290  
mm  
Table surface: 1340x370 mm  
Max table longitudinal travel: 1200 mm  
Max table transverse travel: 200 mm  
Adjustable spindle rotation speed:  
75÷600 rpm  
Adjustable boring bar feed: 0÷3000  
mm/min.  
Adjustable table feed: 0÷3000 mm/min.  
Spindle motor power: 1.5 kW  
Rapid feed motor power: 1.27 N/m  
Table and travers feed motor power: 1.27 N/m  
Dimensions (LxWxH): 1.27 N/m  
Weight: 2045x1245x2175 mm

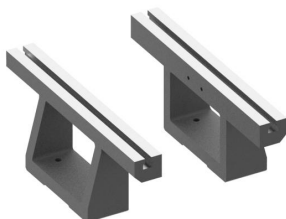
## Accessories



PV1516  
PV1516 60° - 90° V-block blueprinting mounting fixture



PV0025  
PV0025 Pair of fast clamping column



PV0160

PV0160 Pair of parallel supports

UT1390



ALP insert tool holder for UT1392

UT1392



ALP insert for aluminum with prechambers

UT1320

3/8" CBN/PCD insert tool holder



B03560

Ø 35÷60 mm L = 330 mm boring kit with dial gauge adjustment



B06085

Ø 60÷85 mm L = 320 mm boring kit with dial gauge adjustment



C03560

Ø 35÷60 mm L = 330 mm boring kit with pre-setting system





C06085

Ø 60÷85 mm L = 320 mm boring kit with pre-setting system



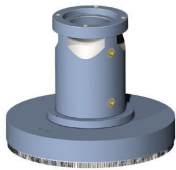
C85170

Ø 85÷170 mm L= 360 mm boring kit with pre-setting system



B85170

Ø 85÷170 mm L = 360 mm boring kit dial gauge adjustment



PF0350

1/2" CBN or PCD milling plate dia. 350 mm (available only for ACF)



UT1330

1/2" CBN/PCD insert tool holder



UT1345

3/8" CBN Insert for cast iron

UT1346

3/8" PCD Insert for aluminium



SSR200

Spindle storage rack



PVB015

V-block adjustable universal fixture



APC040

CAT40 taper spindle for drilling



ACF500

Tool sharpening assembly with support with diamond wheel ACF550

