

HIGH PRECISION & PRODUCTION CENTERLESS GRINDING MACHINES

ESTARTA-400
ESTARTA-650



DESCRIPTION

The machines in this family are designed for both infeed and throughfeed grinding.

They have both a grinding wheelhead and a double support regulating wheelhead to ensure optimal machine stiffness.

These two models are thus the perfect solution for high-precision, high-production work.

ESTARTA grinding machines can work at high speeds (120 m/s) for applications with CBN wheels, thus optimising cycle times.

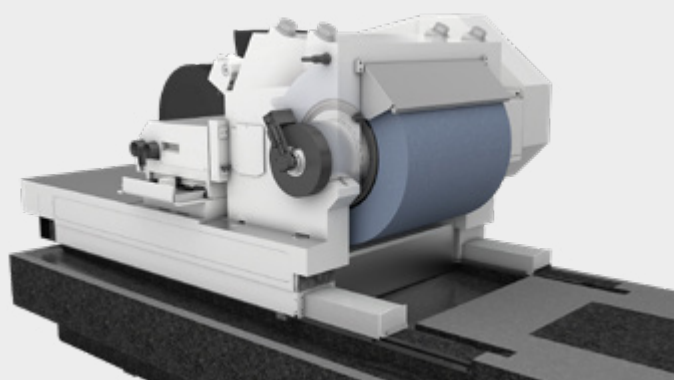
ESTARTA-400/ESTARTA-650. HIGH PRODUCTION // MEDIUM TO LARGE WORKPIECES

ESTARTA RANGE

	ESTARTA-400	ESTARTA-650
Maximum workpiece diameter	150 mm	250 mm
Grinding wheel dimensions (OD x width x ID)	Ø650 x 400 x Ø304.8 mm	Ø650 x 650 x Ø304.8 mm
Max. grinding wheel peripheral speed	120 m/s	120 m/s
Regulating wheel dimensions (OD x width x ID)	Ø400 x 400 x Ø203.2 mm	Ø400 x 650 x Ø203.2 mm
Main motor	37 - 90 kW	55 - 110 kW
Net weight	12500 kg	16500 kg

CORE TECHNOLOGY

- Natural granite bed.
- Linear motors on both dressers.
- High-stiffness direct drive on main slides.
- Twin-grip spindles support.
- Rapid component changeover.
 - » Automatic grinding wheelhead opening.
 - » Automatic taper adjustment.
 - » Automatic workrest blade locking.
 - » Automatic workrest blade height regulation.



FULLY CUSTOMISABLE MACHINES



Machines prepared from its design to bring innovative and personalised answers to different loading systems such as loading and unloading conveyors, integrated portal loader, external portal loader, etc., High value technological solutions are added for the automatism level required by each customer.



ECO-FRIENDLY

- Hydraulic components have been eliminated and all other machine components have been minimised: there are now 23% fewer than in the equivalent model in the previous range. This minimises maintenance and optimises reliability.
- The machine is manufactured using natural materials, with less energy consumption.
- The solution includes standby software functions and has no chiller.