



# DANOBAT

## BEST VALUE FOR MONEY CENTRELESS GRINDING

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## SERIE-EST

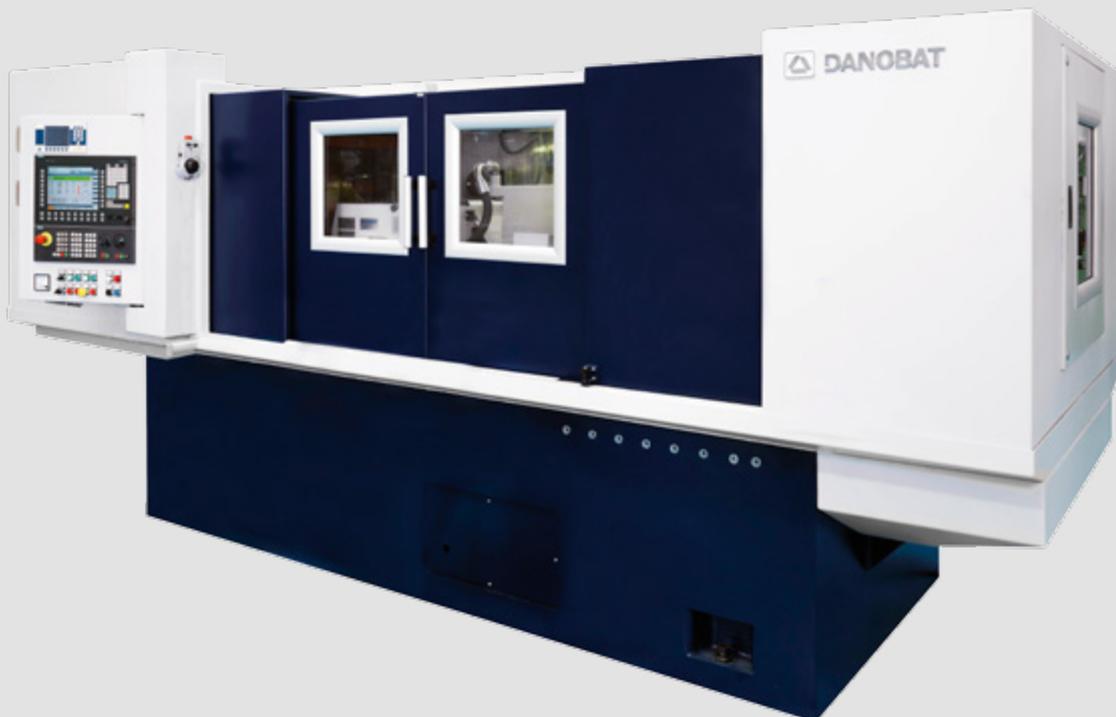
### SERIE-EST BEST VALUE FOR MONEY CENTRELESS GRINDING

DANOBAT account, within its range of EST-SERIES centreless grinding machines, with a family designed to generic work of through and/or infeed grinding.

With this family of machines we cover a range of parts to grind that goes from 1.5 mm to 120 mm of diameter and widths up to 254 mm, grinding in infeed.

They are machines with proven presence in the market, performing most demanding works in terms of precision and production, machine tool control.

The machine configuration incorporates many mechanical and electrical in built safety features to ensure safe operation of the machine and protection of the part from damage.



# SERIE-EST TECHNICAL DESCRIPTION

TECHNICAL CHARACTERISTICS		EST-305	EST-318
Component size (mín.-máx.)	mm	1.5-50	1.5-120
Max. infeed grinding length	mm	160	254
Grinding wheel dimensions (OD x width x ID)	mm	Ø400 x 160 x 203.2	Ø610 x 254 x Ø304.8
Grinding wheel peripheral speed	m/s	35/50	35/50
Regulating wheel dimensions (OD x width x ID)	mm	Ø250 x 160 x Ø127	Ø305 x 254 x Ø127
Main motor	kW	11/15	22/30
Net weight	kg	3000	7000



## Optional equipment

Machine oriented to piece solution, prepared to adapt different systems of loading/unloading and measuring both for throughfeed and infeed works, with different degrees of automation and autonomy depending on customer needs.

Given the wide range of different sizes machines, with powers from 14.75 to 40.23 kW, we give an adjusted solution to the needs of our customers.

With this range of machines we have been able to grind diverse parts such as: bearing needles, drills, valves, bars, shock absorber rods, electric motor shafts, etc. in different sectors, for example: automotive, capital goods, hydraulics, tools, etc.

# SERIE-EST APPLICATION

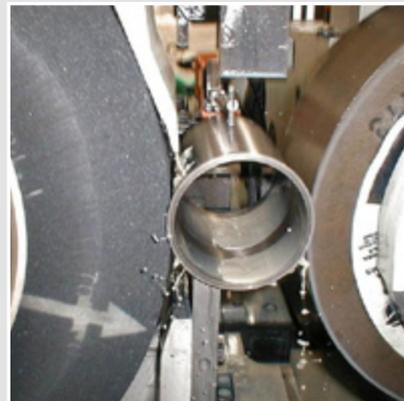
**FASTENER SCREW**



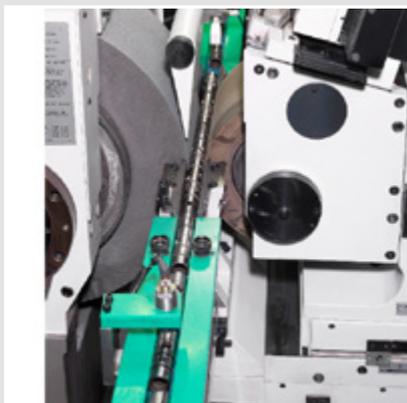
**CROSS SPIDER**



**CYLINDER LINER**



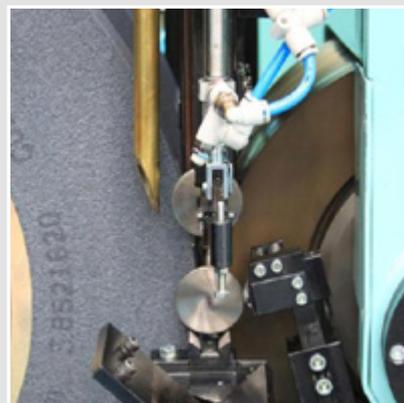
**VALVE SPOOL**



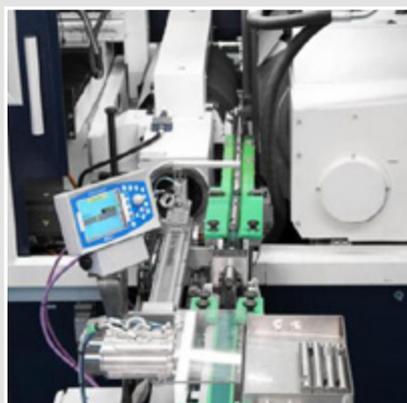
**FASTENERS SCREW**



**VALVE**



**GEARBOX SHAFT**



**SHOCK ABSORBER**

