



# DANOBAT

## HIGH PRODUCTION LATHE

---

## NA-TH

### NA-TH HIGH PRODUCTION LATHE

Especially designed to fulfill the requirements of a wide range of automotive applications such as: crankshafts, camshafts, CV joints or gearbox transmission axles that combine multiple shape tools to perform operations such as roughing, finishing, burnishing, hard turning and measuring.

For maximum rigidity, the machine base and subassemblies are made of stabilized pearlitic cast iron. Their designs have been based on a thermosymmetrical concept which minimises errors due to temperature variations.

Machines can be configured with upper and lower turrets, optionally including live tools, as well as with movable or fixed steady rests. A wide range of accessories are available: post process measuring systems, breakage and collision detection device or automatic loading/unloading systems.

The advantage of the TH series is that it integrates the loading device in the machine to minimise the idle times.



# NA-TH TECHNICAL DESCRIPTION

TECHNICAL CHARACTERISTICS		TH-500	NA-500	NA-750	NA-1500	NA-2000
Turning diameter	mm	330	350	430	430	430
Turning length	mm	500	500	750	1500	2000
Main spindle speed	rpm	4700	4000	3000	3000	3000
Main motor power	kW	25	25	33	33	33
No. of positions for each turret		12	12	12	12	12

### INPUT SHAFT



### OUTPUT SHAFT



### CV JOINT



### CRANKSHAFT



### STEERING RACK

