DUGARD



PractiTurn

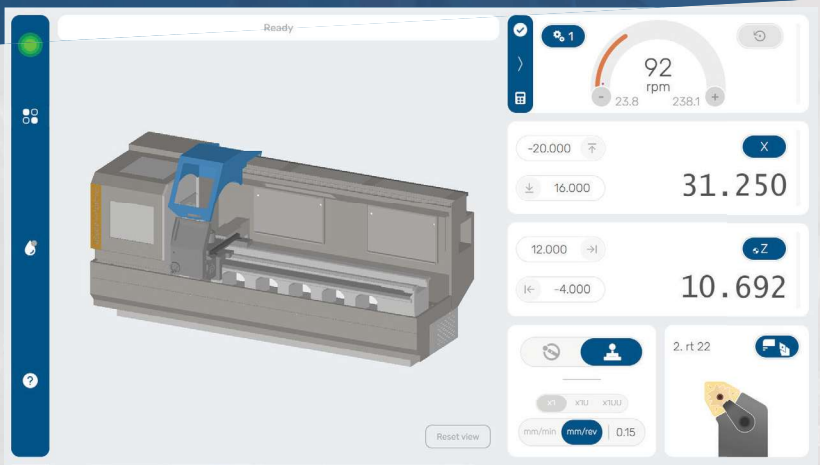
PT40B | PT60B | PT80B | PT100B

Advanced Computerized Lathe

MACHINE SPECIFICATIONS

Specification	Units	PT40B	PT60B	PT80B	PT100B
Max swing over bed	mm	400	600	800	1000
Swing over cross slide	mm	210	350	480	600
Max processing length	mm	1000	2000	4000	6000
Max workpiece weight	kg	400	800	2500	5000
Spindle bore	mm	52	105	130	130
Spindle speed	rpm	75-1800 stepless	75-1100 stepless	75-800 stepless	75-600 stepless
Spindle Motor	kw	7.5	15	22	32
Tailstock quill travel	mm	140	200	250	250
Tailstock taper		MT4	MT5	MT6	MT6
Weight	kg	2150	3600	7000	9500
Dimensions	mm	2335x1365 h: 1770	3700x1550 h: 1800	6350x1900 h: 1850	8350x2000 h: 1950
Recommended Operating Area	mm	2600x2400	4000x2500	7000x3000	9000x3000

THE PRACTITURN ADVANTAGE

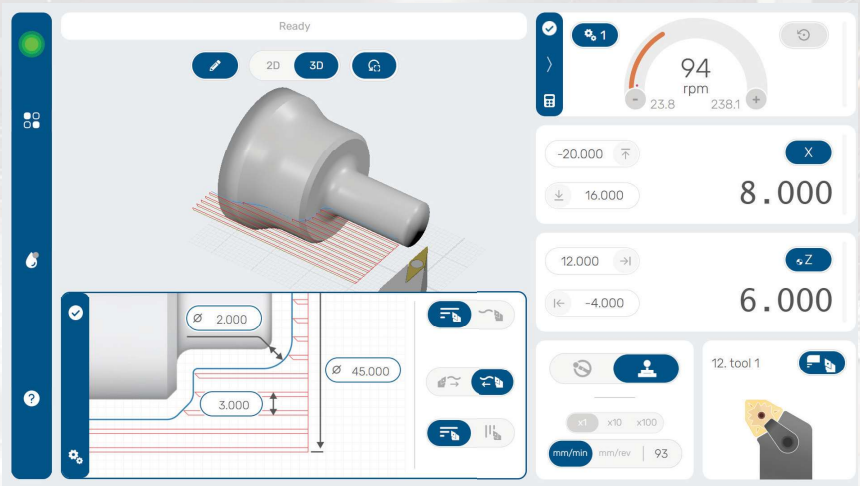


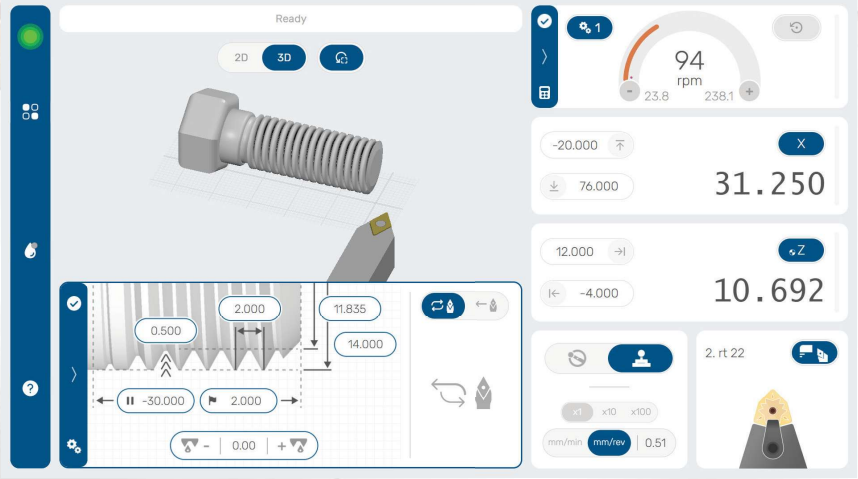
Conventional Turning

Full conventional turning, including all the features of a standard lathe: handwheel operation, joystick operation, angles, and standard threading. This mode is activated upon turning on the machine for immediate turning—no learning curve required!

Profile Turning

Profile drawing is performed on an innovative and user-friendly touchscreen, which includes a full simulation of the turning path. Features include a rapid material removal (roughing) mode and a finishing mode with axis and tool offset for maximum precision. The lathe accounts for the tool geometry and includes a built-in collision avoidance system.





Special Functions

Specialized turning functions include: all types of radii, multi-directional tapers, standard and conical threading, motion limits (travel constraints), and more. Additionally, up to 10 tools can be stored in the machine's memory for maximum workflow efficiency.