

## Weiler PRAKTIKANT VCplus



Brings a new dimension to engine lathes. High quality, energy-efficient, precise and universally usable in production, apprenticeships and vocational training.

It impresses through:

- Sophisticated technology
- Extreme accuracy
- Durability
- Field-proven ergonomics
- Extremely small footprint
- Extensive range of accessories.

**Control:**

- Large, easy-to-read 8" color screen
- 3-axis display for bed, cross and top slides
- Electronic turning against the stop (optional 8x)
- Taper turning assistant (optional)
- Input of feeds and thread pitches
- Electronic limit switch device when thread cutting
- Tool technology memory for feed, turning speed and cutting speed of 99 tools
- Main spindle power readout
- Automatic readout of the maintenance interval
- Context help menu

**Tech Data:**

Center height	6.29" (160mm)
Swing over bed	12.59" (320mm)
Swing over cross slide	7.48" (190mm)
Distance between centers	25.59" (650mm)
Spindle nose acc. To DIN 55027	Gr. 5
Spindle bore	1.69" (43mm)
Spindle diameter in front bearing	2.75" (70mm)
Drive power (60%/100%) duty cycle	- /8 kW
Speed range	25 – 5.000 min-1
Number of speeds	Stepless

**Working Range**

Centre height	mm	160
Swing over bed	mm	320
Swing over cross slide	mm	190
Distance between centres	mm	650
Main Spindle		
Spindle nose acc. to DIN 55027 (DIN ISO 702-3)	Gr.	5
Spindle bore	mm	43
Spindle diameter in front bearing	mm	70
Main Drive		
Drive power 60% / 100% duty cycle	kW	- / 8
Speed range	min-1	25 - 5.000
Number of speeds		Stepless
Feed Range		
Number of feeds		Stepless
Longitudinal	mm/rev	0,01 - 6
Transverse	mm/rev	0,003 - 2
Feed force longitudinal	N	-
Feed force transverse	N	-
Feed Range longitudinal and transverse	mm/rev	-
Max. rapid traverse speed longitudinal/transverse	m/min.	-
Thread Cutting Range		
Metric threads	mm	0,1 - 20
Tailstock		
Quill diameter	mm	40
Quill travel	mm	85
Quill taper according to DIN 228	MK	3
Acceptance Accuracy	DIN	8605

