

Weiler CONDOR VCplus



Brings a new dimension to engine lathes. The systematic and innovative development of the proven Condor range is a cost-effective and intelligent solution for your everyday requirements.

A high quality, powerful and energy-efficient precision lathe for high productivity applications, tool making, as well as 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

Tech Data:

| | |
|-----------------------------------|--|
| Center height | 7.08" (180mm) |
| Swing over bed | 14.17" (360mm) |
| Swing over cross slide | 7.48" (190mm) |
| Distance between centers | 31.49" (800mm) |
| Spindle nose acc. To DIN 55027 | Gr. 6 |
| Spindle bore | 2.20" (56mm) |
| Spindle diameter in front bearing | 3.54" (90mm) |
| Drive power (60%/100%) duty cycle | - /10.5 kW |
| Speed range | 30 – 4.000 min-1 |
| Number of speeds | Stepless |
| | <ul style="list-style-type: none"> • Automatic readout of the maintenance interval • Context help menu |

Working Range

| | | |
|---|--------|------------|
| Centre height | mm | 180 |
| Swing over bed | mm | 360 |
| Swing over cross slide | mm | 190 |
| Distance between centres | mm | 800 |
| Main Spindle | | |
| Spindle nose acc. to DIN 55027 (DIN ISO 702-3) | Gr. | 6 |
| Spindle bore | mm | 56 |
| Spindle diameter in front bearing | mm | 90 |
| Main Drive | | |
| Drive power 60% / 100% duty cycle | kW | - / 10,5 |
| Speed range | min-1 | 30 - 4.000 |
| 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 | 50 |
| Quill travel | mm | 130 |
| Quill taper according to DIN 228 | MK | 3 |
| Acceptance Accuracy | DIN | 8605 |

