

burgsmüller

Burgsmüller GmbH · D-37547 Kreiensen

User manual

Whirling unit L3min

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2. Technical data

Applications

The whirling attachment is especially designed for the external machining of:

- screws
- spindles
- kneading blocks
- extruder screws
- crankshafts

If combined with a numerically controlled base machine, the whirling attachment meets all requirements in terms of an economical use of the equipment. The drive power and speed range of the whirling head are rated for the use of modern cutting materials. The whirling unit does not work with cooling liquid.

Technical data

L3min whirling attachment

Three-phase motor with pole-changer

- Drive power	kW	2,6/ 3,1
- Rated motor speed	rpm	1500 / 3000
- Hollow spindle speed	rpm	630-900-1250-1800

Three-phase motor frequency-regulated

- Drive power	kW	4
- Rated motor speed	rpm	1500
- Hollow spindle speed	rpm	630-2000

Main spindle motor

- Drive power	kW	5,5
- Rated motor speed	rpm	1500
- Hollow spindle speed	rpm	630-2500

- Hollow spindle passage

mm	80
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- Tilting angle

degrees	33° / 28°
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- Swivel

degrees	±7,5°
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- Centre height

mm	115
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- Weight

kg	110
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- Optical tool setting instrument

1:1 coverage ratio

mm	Ø 20
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9. Layout drawing

L3 Min whirling attachment - pole-changer

