Leistritz
PRODUCTION TECHNOLOGY

WHIRLING MACHINE
LWN 180 ES
Data Sheet

MADE IN GERMANY

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Technical Data: LWN 180 ES for Eccentric Screws

Main spindle outlet (depending on chuck)	Ø 70 mm
Spindle head size (for chuck accord. to DIN 55026)	KK6
Resolution of rotary Axis (C-Axis)	± 0,01°
Maschine size	approx. 6.500 x 3.000 x 2.350 mm (LxWxH)

External Whirling Unit	AWS 190
Workpiece diameter	25 - 80 mm
Hollow bore diameter without whirling ring	190 mm
Max. Power	1.940 rpm
Speed	Spindle motor 22 KW
Resolution (Z-Axis)	< 0,002 mm
Resolution (X-Axis)	< 0,002 mm
Max. machining length (depending on type)	up to 1.000 mm
Surface finish	$R_a \leq$ 0,8 µm

The LWN 180 ES rotor peeling machine is used for external machining of rotors up to 1,000 mm length and increases productivity by a factor of 2 compared to other machining processes.

Economical and precise:

- Short whirling time (over 50% less than conventional machining)
- Surface finish in highest quality $R_a \leq$ 0,8 µm
- Peeling of cast iron, steel and stainless steel hollow and solid material blanks
- Lead time reduction due to the elimination of conventional processing steps
- Short setup times

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