

# D506 ACRON

## Tungsten Carbide Roll Grinder



**3-axes machine designed for grinding of Circular Grooves of various profiles**

 **WENDT**

## Features :

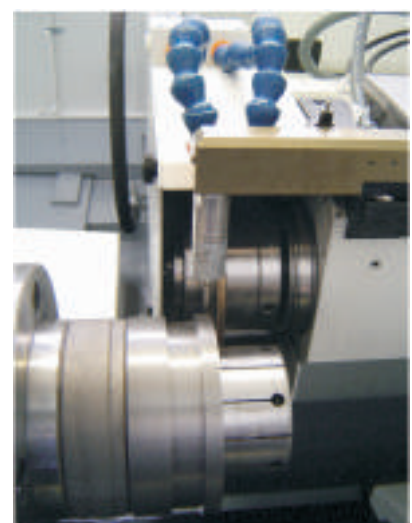


- Powered by Siemens Controls
- Expanding mandrel for holding of TC Rings
- Custom-built Grinding Cycles

- On-line Measurement of Grooves
- On-line wheel calibration device
- Supplied with Custom-built Coolant System

Technical Data		D506*
<b>Capacity</b>		
Grinding length, max.	mm	420
Grinding diameter, max.	mm	450
Center height	mm	230
Workpiece weight, max.	kg	350
<b>Grinding Slide</b>		
Grinding spindle :		
Driving power (AC)	kW	17
Range of rotation speed	rpm	100 - 2500
Spindle cross section (W x H)	mm	165 x 220
Mounting taper for grinding wheel mounting flange :		
Taper	-	1 : 6
Outside diameter of taper	mm	58
Taper length	mm	85
Grinding wheel diameter	External cylindrical (D/d)	mm 250 / 76
	Profile (D/d)	mm 200 / 76
X-axis (CNC infeed axis)		
Stroke, max	mm	320
Speed	mm/min	0.02 - 4000
Step display	mm	0.001
<b>Workpiece Slide</b>		
<b>C-axis :</b> (CNC workpiece spindle axis)		
Driving power	kW	6.3
Range of rotation speed	rpm	0.02 - 200
Step display	Degree	0.001
Spindle taper, internal	DIN 228	MK 6
Spindle taper, external	DIN 55021	Gr. 8
<b>Z-axis :</b> (CNC workpiece slide axis)		
Stroke, max	mm	440
Speed	mm/min	0.02 - 6000
Step display	mm	0.001
<b>Hydraulics</b>		
Tank capacity approx.	l	40
Pump delivery rate	l/min	1,4
<b>Installation</b>		
Total weight, approx.	kg.	7300
Total connected load	kVA	40

\* D506/W43 Model with Notch Milling arrangement available



Since continuous improvements are made, specifications are subject to change without notice

## WENDT (INDIA) LTD.

# 69/70, Sipcot Industrial Complex, Hosur-635 126, Tamil Nadu.

Ph: +91-4344-276851, 276852, 276254, 405500, 405501.

Fax: +91-4344-405620, E-mail: wil@wendtindia.com

### Regional Offices:

BANGALORE ● BARODA ● CHENNAI ● COIMBATORE ● DELHI ● FARIDABAD ● HYDERABAD ● HOSUR  
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For more information contact:  
E-mail: sundariyas@wendtindia.com  
venkateshms@wendtindia.com