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eADU®
enhanced Automated Drilling Unit
Pneumatic 1000-2000 Watts

The eADU® is an innovative and sustainable drilling unit for drilling and countersinking applications and it is dedicated to the aerospace industry.

- **Architecture: Pneumatic motor/Electronic process/Mechanical feed**
- **IPC: Intelligent Process Control**
- **Data recording**
- **Embedded Electronics**

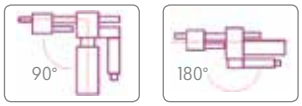
Process control

Intelligent machine

The eADU® is a real technical breakthrough in the field of automated drilling for the aerospace industry

CONFIGURATION

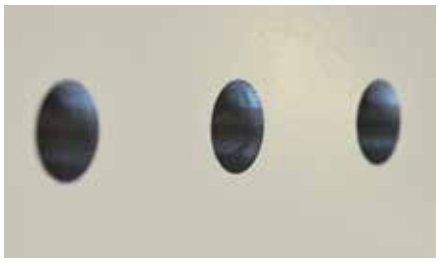
— Pneumatic motor
— Mechanical feed
— Data recording



EQUIPMENT

— Concentric Collet from 40 to 250 daN
— Quarter Turn
— C clamping
— Offset crowfoot
— DASA

Technical features	
2 configurations	In line or right angle
2 motors	1000 W or 2000 W
Spindle speed	600 to 6,000 rpm
Torque	1 to 18 Nm and 1 to 36 Nm
Power	6.5 bars
Feed rates	0.026 – 0.05 / 0.08 / 0.10 / 0.16 mm/tr
Weight	2.5 kg (basic machine 1000 W)
Dimensions	250 x 350 mm (basic machine 1000 W without equipment)
Tools	Compatible with all tools
Countersink	Setting precision: 20 µm
Spindle attachment	¼ 28F; 5/16 24F; 3/8 24F, 7/16 20F
Spindle stroke	20 to 140 mm (more if necessary)



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APPLICATIONS

— Drill and ream with countersink:
  • 1000 W – d ≤12.7 mm (1/2")
  • 2000 W – d ≤ 25.4 mm (1")
— Materials (all stacks):
  • Aluminium
  • Carbon
  • Titanium
  • Steel

KEY ADVANTAGES

High performance

— Embedded electrovalve control
— Fast feed
— Fast spindle return

Controlled process

— Data recording
— Lubrication control

Advanced conception

— Through spindle coolant
— Quick equipment and tool change
— Easy maintenance
— Easy upgrade to Elec technology

fives ultimate machines ultimate factory

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