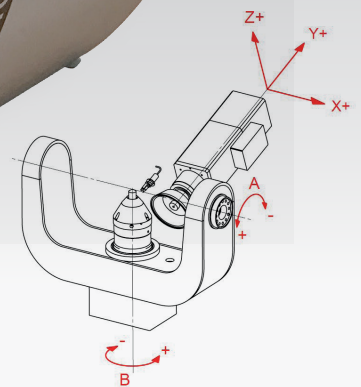
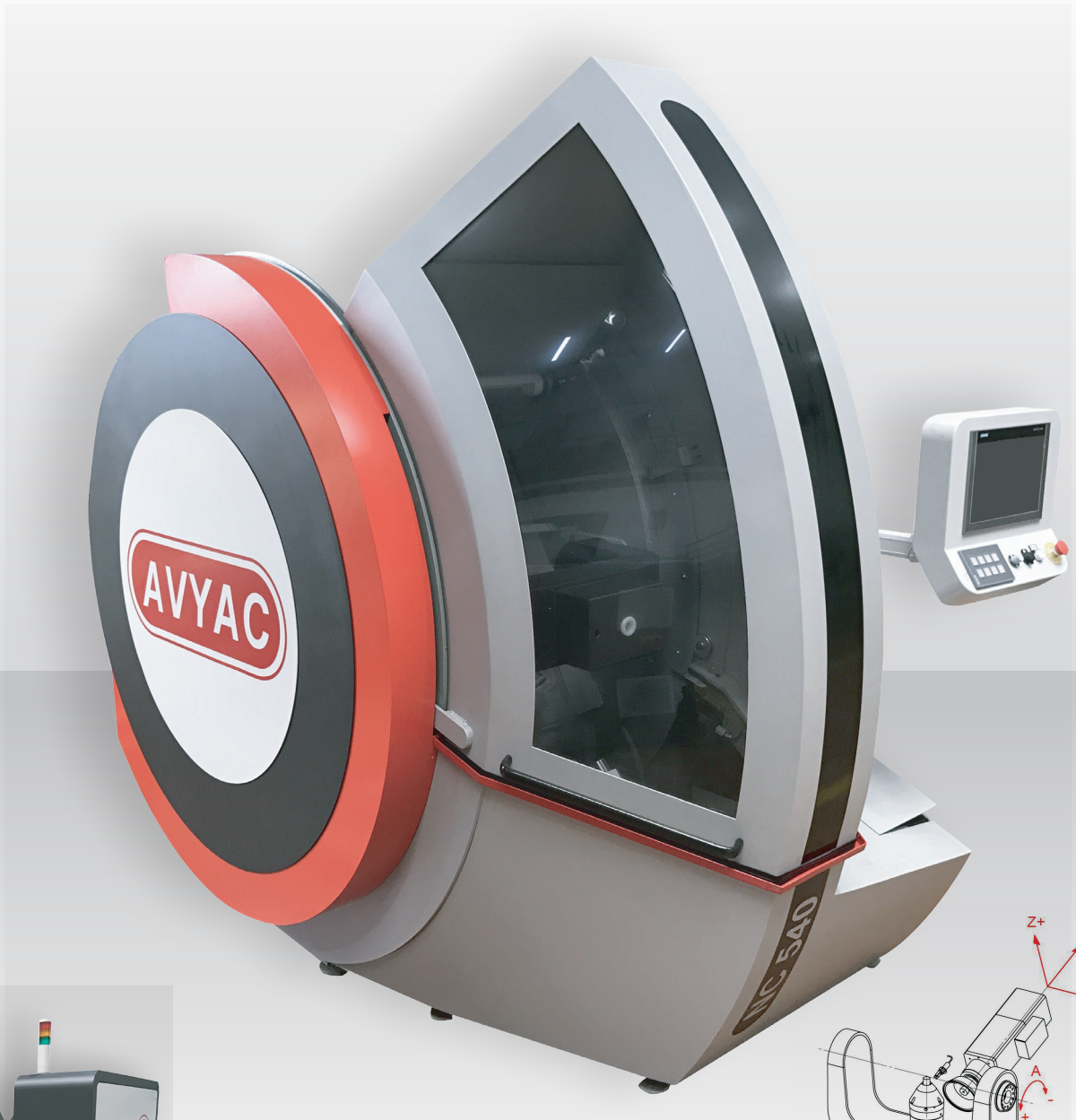
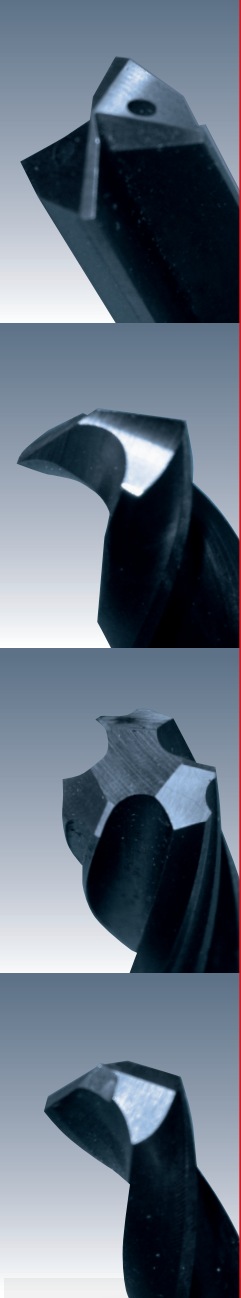




NC540

5 AXIS DRILL GRINDING CENTER

CAPACITY Ø 5 TO 40 MM, DRILL LENGTH UP TO 2 METERS



AVYAC MACHINES

ZAC l'Orme les Sources - 42340 VEAUCHE France

Tél. : +33 (0)4 77 53 99 12 - Fax : +33 (0)4 77 53 60 34

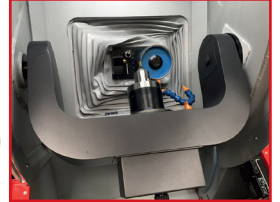
contact@avyac-machines.com - www.avyac-machines.com

NC540

TECHNICAL DATA

Technical characteristics

Dimensions	2.20 x 1.60 x 2.60 M (86" x 63" x 102") – Weight 2000 Kg (4400lb)
Colors	Red RAL 3020, dark Grey RAL 7012 and light Grey RAL 7035
Tool clamping	Pneumatic automatic - Precision collets W25 - 3 set of 6 jaws chuck Ø5 to 15 – Ø15 to 27 - Ø27 to 40 mm
Wheels	Ø 100 to Ø150 mm, CBN or diamond (two wheels in option)
Electro Spindle ISO30	Power 4.5 kW - 3000 to 12000 rpm
Coolant system	Emulsion or Oil -Tank 200L integrated - Pump 50 L/min
CNC controller	Siemens 840D SL with touch screen
Servomotors	Synchronous motors with absolute coders
Tool indexing	Marposs 3D sensor



Drills grinded

Tool diameter	Ø 5 to 40 mm (0.19" to 1.54")
Maximum length	Standard 1000 mm (optional 2000mm)

Right hand helix drills with conic relief or rakes, 1 or 2 flutes gundrills, 3 or 4 flutes core drills, conical or cylindrical shank, Sheet metal drill, flat drill, center drill, Step drill, engraving tool, woodworking drill
Special tools*

* please contact us for capability and test

Main Options

Automatic loader	Gravity loading with round plate, unloading in internal basket Dia. max Ø25mm – Length max L450mm
2000mm extension	Secured housing to allow the grinding of long drills with manual loading
Oil filtration system	For whole oil filtration level 5µ and soluble oil filtration level 20µ Integrated in technical cabinet and NC controlled
Oil mist collector	Filtration using centrifugation with impact, provides a clean air workplace
Fire protection	Automatic fire extinguisher recommended for whole oil only
Indexed unloading	Indexed unloading to sharpen different diameters of drill bits and sort them once sharpened



AVYAC MACHINES REPRESENTATIVES IN GERMANY AND IN USA

Haller Werkzeugschleiftechnik
Obere Hauptstraße 46
D-78604 Rietheim-Weilheim
T +49 7424 50 11 90
www.haller-wst.de
info@haller-wst.de

haller
WERKZEUGSCHLEIFTECHNIK

**DRILL
MASTERS**
Eldorado

DRILLMASTERS Eldorado Tools
336 Boston Post Road
CT 06460 MILFORD
T: 001 203 878 1711
Contact: Steve RUEL
srue@dmetool.com