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ASA (Action Super Abrasive SA), company founded in 1993, is specialized in the development and production of diamond and borazon grinding wheels with resin (phenolic and polyimide), hybrid and metal bond used for cutting tool grinding.

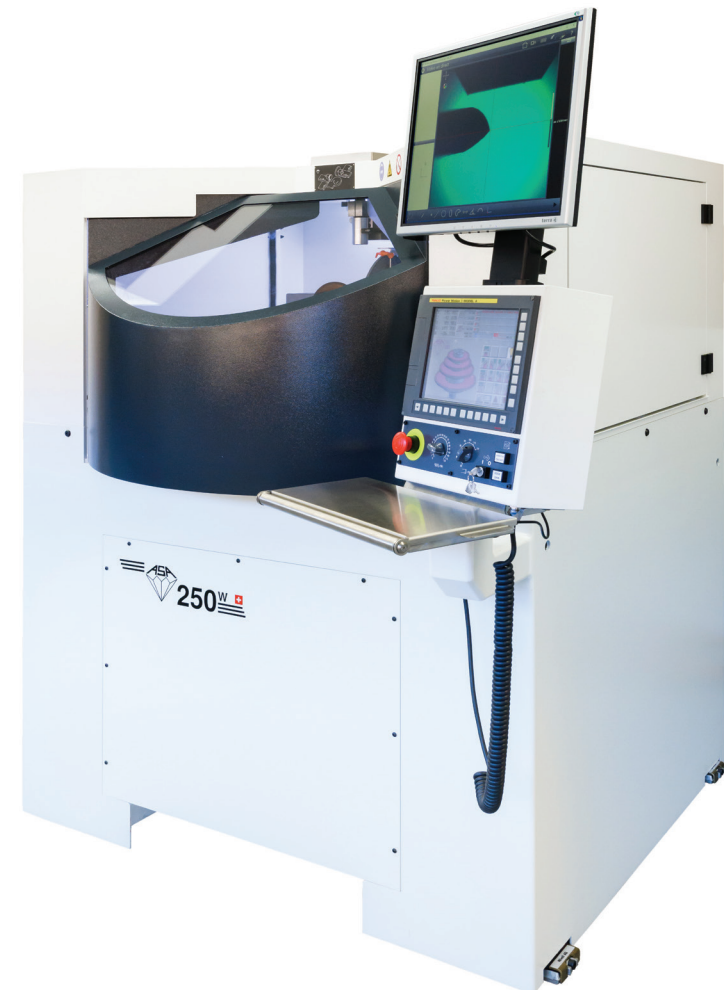
From the very beginning Action Super Abrasive SA has attached a fundamental importance to its production quality and flexibility. Our main goals still lie today in the ability to provide a product from the conception stage to its unit or volume production in a very short delivery period.

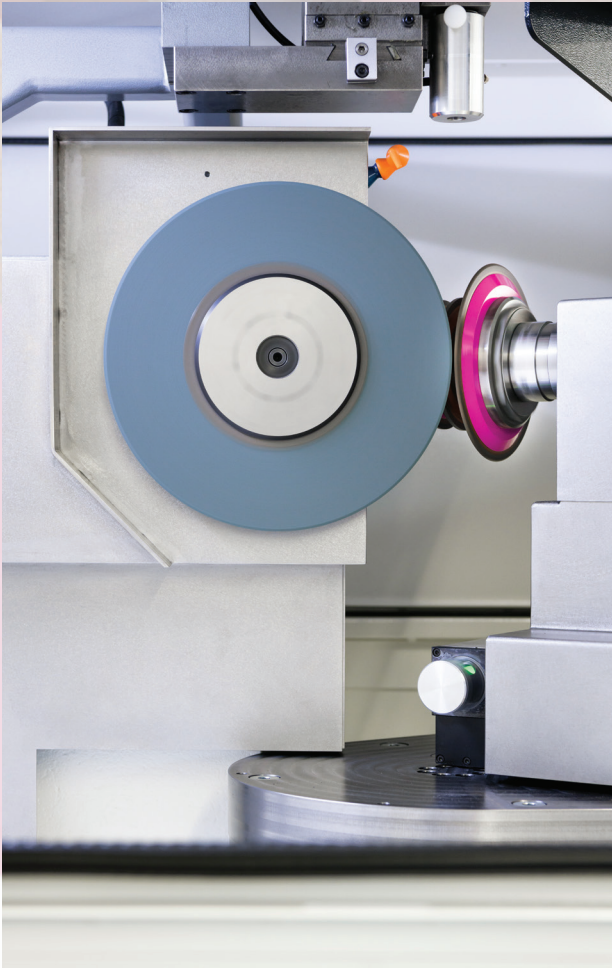
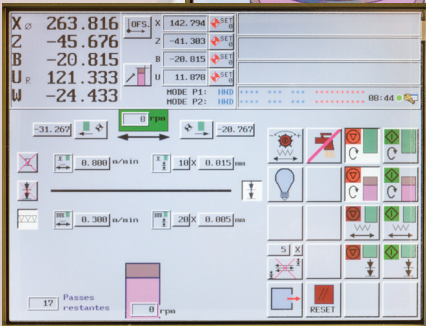
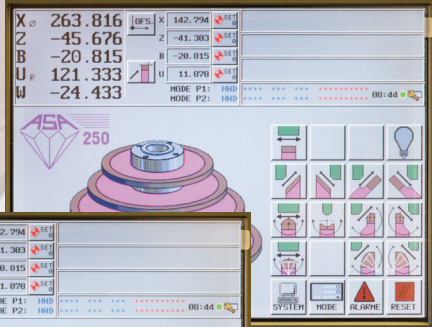
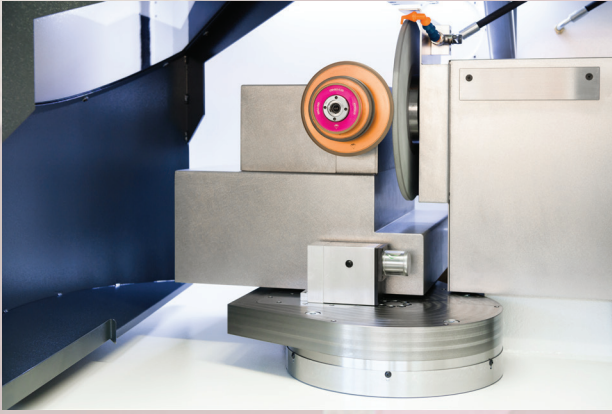
Our know-how and many years of experience has granted us a big advantage to advise our customers and in developing specific bonds for each grinding application. The constant improvement of our wheel production machines and a very up-to-date laboratory ensure highest quality and reliability in production.



ASA 250^w

Semi-automatic Machine for dressing
Diamond and CBN wheels





ASA250^W

Semi-automatic Machine for dressing Diamond and CBN wheels

Specifications

Compliance with standards and directives 'CE'

Range

Wheel CBN/Diamond	Ø 40-250 mm
For Wheel packs	Max. Ø 200 mm
Dressing wheel	Ø 150-300 mm

Control

Fanuc Power Motion IA
Touch-Screen

Axis

X Axis	Stroke	110 mm
	Feed	0-5 m/min
Z Axis	Stroke	90 mm
	Feed	0-5 m/min
B Axis	Stroke	185°
	Feed	0-5 m/min
W Axis	Stroke	85 mm
	Feed	0-5 m/min
U Axis	Stroke	85 mm
	Feed	0-5 m/min

Motors

Dressing wheel motor	Integrated spindle Constant surface speed
Grinding wheel motor	Fanuc Alpha IS 4/5000 Constant surface speed

Camera

Optical camera	X 23 Magnification
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Dimensions

L x W x H	1300 x 1100 x 1600mm
Weight	1200 Kg
Compressed air	5 Bar
Total power	8 kW

Coolant Tank

120 Litre tank capacity with paper filtration system

Options

- DXF System with screen 19"
- CNC machine spindles (E.G. Rollomatic, Anca, Walter, Kirner) available upon request
- Cycle for large radius > 5 mm, in interpolation (X-Z-B)
- Flange for dressing wheel T=10 mm
- Flange for dressing wheel T=20 mm
- Flange for dressing wheel T=32 mm