



# Cannula production equipment

EcoBOS // Grinder of point

EcoBOS	
for tube/wire diameter [mm]	0,2 - 2,1 mm (facet grind) 0,2 - 5,0 mm (one grind)
for tube/wire length [mm]	14 - 95 mm
product length tolerance [mm]	± 0,1 mm
alpha angle range (main)	7,5° - 40,0°
gamma angle range (rotation)	70,0° - 150,0° (± 5°) movement ± 2,5 mm
operation / handling	automatic feeding of blanks into the grinding jig (coil-to-coil)
grind variety (types)	front bevel, both side grinded
grinding principle (tape/tapeless)	grinding with tape
grinding wheel	Ø455 x 80 mm
effective width of grinding jig	385 mm
productivity (C=cannula, L=lancet)	(C) Ø0,7mm = 30.000 pcs/h (L) Ø0,36mm = 35.000 pcs/h
setting / adjustment requirement	3 widths of the grinding jig
product setting / adjustment time (entire UniSYS line)	approx. 5 hours
PLC	B&R Automation
main purpose of equipment	aimed at mid & big series
available accessories	cooling liquid centrifuge OCHKA  taping unit PAZA 390 (+ carrying wheels per diameter)  anticoring equipment  detaping unit DETAP