



Planetary Lapping Machines for PCD

Technical Details

CHARACTERISTIC	MODEL	MODEL
Machine - Machine type - Dimensions (w x d x h) - Total machine weight	PL4 Planetary lapping machine 690 x 1020 x 1625mm 550kg	PL5 Planetary lapping machine 790 x 1150 x 1625mm 590kg
Spindle - Spindle type - Main spindle power	Coborn precision spindle 12.0kW	Coborn precision spindle 12.0kW
Planetary wheel motion	Variable stroke between 9.5 mm and 22 mm in 24 - 0.5mm steps	Variable stroke between 9.5 mm and 22 mm in 24 - 0.5mm steps
Polishing station fixtures (arms) - Number of fixtures - Motorised drive to disc holders - Self levelling disc holders (gimbals) - Water cooling to disc holders - Independent timers - Polishing pressure - Maximum load per station - Maximum permissible total load (all stations) - Maximum disc size	4 as standard (5 possible) Yes Yes - double gimbal Yes Yes - one Individually adjustable 56kg as standard (128kg on request) 250kg 45mm PCD on 45mm wheel	6 as standard Yes Yes - double gimbal Yes Yes - one Individually adjustable 56kg as standard (128kg on request) 300kg 100mm PCD on 105mm wheel
Wheel - Wheel diameter - Wheel face width	300mm 45mm or as requested	400mm 105mm or as requested
Chiller - Capacity - Chiller dimensions (w x d x h) - Chiller weight	5.5kW 715 x 715 x 1375mm 180kg	7.5kW 715 x 715 x 1375mm 190kg
Electrical Requirements	3 phase, 415v or 220v	3 phase, 415v or 220v
Optional extras	Applicable	
1. Additional polishing fixture (arm)	Applicable (factory fitted)	Not applicable
2. Grinding wheels	Available - size & grade on request	Available - size & grade - on request

