

		AbraPol-30
	Catalog numbers	06306129, 06306146, 06306229, 06306246
Disc	Diameter	300 mm (12") or 350 mm (14")
	Speed	40 - 600 rpm, adjustable in steps of 10 rpm
	Rotational direction	Counter-clockwise
	Motor power	-
	- Continuous (S1)Continuous (S1)	2.2 kW (2.9 Hp)
	- Maximum (S3)Maximum (S3)	N/A
Specimen mover head	Individual specimen	NA
	- Force	-
	- Specimen height	-
	Specimen holder	-
	- Diameter	Max. 200 mm
	- Force	50 - 700 N (10 - 150 lbf)
	Rotational speed	50 - 300 rpm, adjustable in steps of 10 rpm
	Rotational direction	Clockwise, Counter-clockwise
	Motor power	0.55 kW (0.75 Hp)
	Torque	19 Nm
	Positioning	35 - 100 mm
	Features	Material removal sensor (built-in)
Options	Automatic dosing, up to 6 pumps	06306901 DP-Module, 06306902 OP-Module
	Shift valve	(06306903 - retrofit version)
	Recirculation cooling system	06296929, 06296946, 06296954
	Beacon	06296900
Software and electronics	Controls	Touch pad, Turn/push knob
	Display	LCD, TFT-color 5.7", 320 x 240 dots with LED back light
Safety standards		See the Declaration of Conformity
Operating environment	Surrounding temperature	5-40°C (41-104°F)
	Humidity	< 85 % RH non-condensing

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Power supply	Voltage/frequency	3 x 200 - 240 (50-60Hz), 3 x 380 - 480 (50-60Hz)
	Power inlet	3 phase (3L + PE)
	Power, nominal load	3 kW
	Power, idle	N/A
	Current, nominal load	8.7 A, 4.8 A
	Current, max.	20 A , 11,1 A
Water supply	Pressure, tap water	1 - 4 bar (14.5-58 psi)
	Minimum water flow	10 l/min
Air supply	Pressure, compressed air	6 - 9.9 bar (87-145 psi)
	Air flow/consumption	30 l/min (8 gpm)
	Air quality	The air supplied must be of Class 6.8.4. or better, as specified in ISO 8573-1
Exhaust	Recommended capacity	50 m³/h (1750 ft³/h)
Safety Circuit Categories/Performance Level	Emergency stop	PL c, Category 1 Stop category 0
	Work zone interlock	PL b, Category b Stop category 0
	Work zone interlock locking	PL a
Residual Current Circuit Breaker (RCCB)		Type B, 30 mA (or better) is required
Noise level	A-weighted sound emission pressure level at workstations	LpA = 61.2 dB(A) (measured value). Uncertainty K = 4 dB
Vibration level	Declared vibration emission	Total vibration exposure to upper parts of the body does not exceed 2.5 m/s².
Dimensions and weight (without cover)	Width	N/A
	Depth	N/A
	Height	N/A
	Weight	N/A
Dimensions and weight (with cover/safety cover)	Width	847 mm
	Depth	996 mm
	Height - cover closed/cover open	1565 (1875) mm
	Weight	390 kg