

		AbraPlan-30
	Catalog No:	06296129, 06296146
Disc	Diameter	356 mm (14")
	Speed	1450 rpm
	Rotational direction	Counter-clockwise
	Motor power	-
	- Continuous (S1)	4.0 kW (5.4 hp)
	- Maximum (S3)	N/A
Specimen mover head	Individual specimen	-
	- Force	-
	- Specimen height	-
	Specimen holder	-
	- Diameter	Max. 200 mm
	- Force	50 - 700 N (10 - 150 lbf)
	Rotational speed	170 rpm
	Rotational direction	Counter-clockwise
	Motor	0.37 kW (0.5 hp)
	Torque	17 Nm
	Features	Material removal sensor (built-in)
Options	Automatic dosing, up to 7 pumps	N/A
	Transparent cover	Standard
	Safety cover	Standard
	Beacon	06296900
	Recirculation cooling system	06296929, 06296946, 06296954
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		CE-labeled according to EU directives
REACH		For information about REACH, contact your local Struers office.
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 V (50-60Hz), 3 x 380-480 V (50-60Hz)
	Power inlet	3 phase (3L + PE)
	Power, nominal load	4.5 kW
	Power, idle	N/A
	Current, nominal load	15.4 A , 9.1 A
	Current, max.	30 A , 20.5 A
Cooling pump	Pressure	1 - 4 bar (14.5-58 psi)
	Minimum flow	4.5 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 m ³ /h (1750 ft ³ /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 = 64.6 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/s ²
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	990 mm
	Height - cover closed/cover open	1565/1875 mm
	Weight	400 kg (882 lbs)