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Overview Renfert extraction units for CAM milling machines

Status: 04.03.2021



Performance Data	SILENT compactCAM	SILENT powerCAM EC
Volume Flow (max.):	2.500 l/min / 1.47 ft ³ /s	3.984 l/min / 2.34 ft ³ /s
Suction Power:	27-28 m/s	37-38 m/s
Max. Depression:	219 hPa / 3.2 psi	257 hPa / 3.73 psi (230 V) 262 hPa / 3.8 psi (120 V) 255 hPa / 3.7 psi (100 V)



The SILENT compactCAM & powerCAM EC are particle and dust extraction units especially designed for CAD/CAM milling machines.

The SILENT compactCAM & powerCAM EC are compatible with CAD/CAM milling machines where:

1. The CAM manufacturer's technical requirements for extraction units are fulfilled.
2. The SILENT compactCAM / powerCAM EC can be switched on/off either manually or over the Renfert interface cable. Never switch the extraction units on/off when they are connected to the electrical relay control of the CAM machine. Doing so can lead to serious damage of the extraction units.

The manufacturers are listed in alphabetical order:

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ARUM > cadblu > DEGOS Dental > Ernst Hinrichs GmbH > FINO >	Goldquadrat > imes-icore > ORIGIN > Planmeca > Preciso Dental (Jensen) > ProTechno (Ceratomic) > R & K >	Roland DG/DGShape > Schütz Dental > Shera > Siladent > Tissi Denal >	vhf > Wieland > Yenadent > YETI Dental >	88Dent > ZIRKONZAHN >



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Low workload:
1-6 hrs/day



Strong workload:
6+ hrs/day

CAM Manufacturer	CAM System	SILENT compact CAM	SILENT powerCAM EC	Renfert Interface Cable	Interface Cable Art.-No.	Comments
ARUM	5X-200	●	●	Type F	29340011	
	5X-300 Pro	●	●			
	4X-300 / 4X-300D	●	●			
	4X-100	●				
cadblu	ezMILL 4.0	●	●	Type A	29340005	
	ezMILL 5.0		●			
	ezMILL 5.DC		●			
DEGOS Dental	DEGOS STAR Z-MILL 255 N5	●	●	Type E	29340010	incl. NEMA adapter
	DEGOS STAR Z-MILL 355 N5	●	●			
	DEGOS STAR Z-MILL 355 X6		●			
Ernst Hinrichs GmbH	HinriMill 4 / 4 Edition	●	●	Type A	29340005	
	HlinriMill 5		●			
	HlinriMill 5.8 / 5.8 Edition		●			
	HinriMill T5 / T5 Edition		●	Type G	29340013	
	HinriMill R5		●			
	HinriMill Z4		●			
	HinriMill N4					
FINO	FINOCAM Kompakt A	●	●	Type A	29340005	
	FINOCAM Kompakt M	●	●			
	FINOCAM Edition	●	●			
	FINOCAM CA		●			
	FINOCAM CA+		●	Type G	29340013	
	FINOCAM PREMIUM		●			
	FINOCAM A5/A5+		●			
	FINOCAM W					
						wet processing - no extraction unit necessary



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CAM Manufacturer	CAM System	SILENT compact CAM	SILENT powerCAM EC	Renfert Interface Cable	Interface Cable Art.-No.	Comments	
Goldquadrat	Quattro Mill easy	●	●	Type A	29340005		
	Quattro Mill Comfort	●	●				
	Quattro Mill PreFour	●	●				
	Goldquadrat	Quattro Mill Maxi		●	Type G	29340013	
		GQ Quattro Mill R5		●			
		GQ Quattro Mill Comfort 5x Plus		●			
		VHF Z4					wet processing - no extraction unit necessary
imes-icore	CORiTec one	●	●	Type C	29340008		
	CORiTec 140i	●	●				
	CORiTec 150i	●	●				
	CORiTec 245i	●	●				
	CORiTec 250i	●	●				
	CORiTec 350i		●				
	CORiTec 350i Loader		●				
	CORiTec 650i		●				
	CORiTec 650i Loader		●				
ORIGIN	ORIGIN 40	●	●	Type E	29340010	incl. NEMA adapter	
Planmeca	PlanMill 50	●	●	Type C	29340008		
	PlanMill 40					wet processing - no extraction unit necessary	
Preciso Dental (Jensen)	Preciso M200 Mill	●	●	Type A	29340005		
	Roland DWX-50	●	●	Type B	29340006		
ProTechno (Ceratomic)	Ceratomic MAG 4	●	●	Type C	29340008		
	Ceratomic MAG 5	●	●				
R & K	Organical Desktop 1	●	●	Type A	29340005		
	Organical Desktop 3	●	●				
	Organical Desktop 7c	●	●				



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Roland DG/DGShape	DWX-50	●	●	Type B	29340006	
	DWX-4	●	●			
	DWX-51D	●	●			
	DWX-52D	●	●			
	DWX-52DCi		●			
	DWX-4W					
	DWX-42W					wet processing - no extraction unit necessary
Schütz Dental	Tizian Cut compact	●	●	Type A	29340005	
	Tizian Cut 5 dry		●	Type G	29340013	
	Tizian Cut 5.2/5.2 Pro		●	Type C	29340008	
	CORITEC 650i Loader		●			
Shera	SHERAeco-mill 40/50	●	●	Type A	29340005	
	SHERAeco-mill 5x	●	●			
Siladent	SilaMill 4 / 4 Edition	●	●	Type A	29340005	
	SilaMill 5		●			
	SilaMill 5.8		●			
	SilaMill R5		●	Type G	29340013	
	SilaMill T5/ST5		●			
	SilaMill N4 / Z4					
Tissi Dental	Mini Mill 4 / plus 4	●	●	Type A	29340005	
	Mini Mill plus 5	●	●			
	Mini Mill plus 5A	●	●			



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CAM Manufacturer	CAM System	SILENT compact CAM	SILENT powerCAM EC	Renfert Interface Cable	Interface Cable Art.-No.	Comments
vhf	K4 Impression	●	●	Type A	29340005	
	K4 edition	●	●			
	S1 Impression		●			
	S2 Impression		●			
	K5/K5+		●	Type G	29340013	
	S5		●			
	R5		●			
	Z4					wet processing - no extraction unit necessary
	N4 Impression					
Wieland	Zenotec mini	●	●	Type A	29340005	
	Zenotec select ion		●			
	Zenotec select hybrid		●			
Yenadent	D10	●	●	Type E	29340010	incl. NEMA adapter
	D14	●	●			
	D15	●	●			
	D16		●			
	D6		●			
	DC40		●			
	D43		●			
YETI Dental	digi MILL 4 dry	●	●	Type A	29340005	
	digi MILL 5 dry		●	Type G	29340013	
	digi MILL 4 wet					wet processing - no extraction unit necessary

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CAM Manufacturer	CAM System	SILENT compact CAM	SILENT powerCAM EC	Renfert Interface Cable	Interface Cable Art.-No.	Comments
ZIRKONZAHN	M1 Soft	●	●	Type F + C14 Adapter	29340011 29340012	29340011 Interface cable Typee F for ZIRKONZAHN For all ZIRKONZAHN models equipped with a Schuko socket to connect with the extraction unit.
	M1 wet heavy metall	●	●			
	M2 Wet Heavy Metal	●	●			
	M2 Teleskoper	●	●			
	M2 Dual Wet Heavy Metal	●	●			
	M2 Dual Teleskoper	●	●			
	M2 Dual Double Teleskoper	●	●			
	M3	●	●			
	M4 wet heavy metal		●			
	M5 heavy metal		●			
	M6 wet heavy metall		●			
	M1 Abutment					wet processing - no extraction unit necessary
M1 wet						
88Dent	88Mill 4	●	●	Type A	29340005	
	88MILL 5		●			
	Esse 5		●			
	Erre 5		●	Type G	29340013	
	Mill Five S		●			
	Zeta 4		●			
	Kappa 5+		●			
	Enne 4+					wet processing - no extraction unit necessary



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