

USINEUSE FAITHFUL POUR PROTHÈSES PRINCIPALES



Usineuse 5 axes pour l'usinage à sec ou humide.



ARUM série 450

800+

IMPLANT
CONNECTIONS

TOTAL CAD/CAM
SOLUTIONS



ARUM

Détail des usineuses ARUM



Model	5X-500L	5X-500	5X-200	5X-450
Axis	5 Axis	5 Axis	5 Axis	5 Axis
Processing	Wet and Dry	Wet and Dry	Wet and Dry	Wet and Dry
Max. RPM	60,000	60,000	60,000	60,000
Spindle Power	AC 3.6kw	AC 3.6kw	AC 3.0kw	AC 1.28kw
A.T.C	20	20	15	15
Tool Shank (mm)	Ø6	Ø6	Ø6	Ø6
Motor	Servo	Servo	Servo	Stepping
Drive Mechanism	Ball Screw	Ball Screw	Ball Screw	Ball Screw
Way System	Linear Guide	Linear Guide	Linear Guide	Linear Guide
Total Size (W*D*H)	1078*921*1713mm	689*918*1706mm	815*949*1755mm	791*791*1657mm
Weight (Machine / Table)	360 kg / 110 kg	230kg / 65kg	270kg / 135kg	185kg / 65kg
Travel	X, Y, Z axis	227.5*125*131mm	227.5*125*131mm	325*142.5*144mm
	A axis / B axis	360° / +40° ~ -31.5°	360° / +40° ~ -31.5°	360° / ±30°
Disk Jig or Cartridge Type	O type, C type	O type, C type	O type	C type
Number of Jig	12	-	-	-
Jig exchange	Auto	-	-	-

Materials

Pre-milled Blank	◎ (10ea)	◎ (10ea)	◎ (5ea)	◎ (5ea)
Co-Cr & Ni-Cr Disk	○	○	◎	X
Titanium Disk	◎	◎	◎	○
Lithium Disilicate	○	○	○	○
Nanocomposite	◎	◎	◎	◎
Zirconia	◎	◎	◎	◎
PMMA	◎	◎	◎	◎
PEEK	◎	◎	◎	◎
Wax	◎	◎	◎	◎

Applications

Implant Bar	◎	◎	◎	◎
Screw-Retained Bridge	◎	◎	◎	◎
Customized Abutment	◎	◎	◎	◎
Hybrid Abutment	◎	◎	◎	◎
Inlay & Onlay	◎	◎	◎	◎
Crown & Coping	◎	◎	◎	◎
Crown & Coping Bridge	◎	◎	◎	◎
Model	◎	◎	◎	◎
Bite Splint	◎	◎	◎	◎
Denture	◎	◎	◎	◎



◎: High Compatibility / ○: Compatibility / X: Non-Compatibility

ARUM

5X-450 / 4X-450



Paramètre de stratégie européenne de fraisage

[5X-450]
Pour plus de 800 connexions d'implants.

Cadre de machine solide pour une qualité de fraisage incomparable.



Pince Étau en C

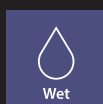
[5X-450]
Pince en C pour plus d'efficacité et de qualité.



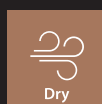
5-Axes

[5X-450]
Usinage simultané sur 5 axes, y compris les contre-dépouilles.

5X-450



Wet



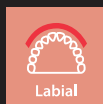
Dry



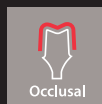
All Disk



CAD Block



Labial



Occlusal

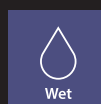


Cuff

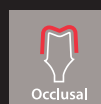


5Axis

4X-450



Wet



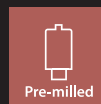
Occlusal



Cuff



Connectorless



Pre-milled

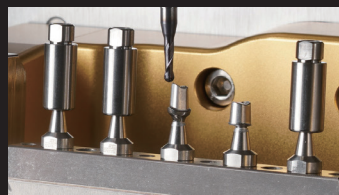


4Axis



Pré-fraisage sans Connecteurs

[5X-450] 5ea [4X-450] 10ea



Fraisage pré-fraisage Straumann Original disponible

[5X-450] Straumann PMAB titulaire.



Usine les matériaux durs et mous, même le titane

Informations sur les matériaux et les applications

Materials			Applications		
Model	5X-450	4X-450	Model	5X-450	4X-450
Pre-milled Blank	◎ (5ea)	◎ (10ea)	Implant Bar	◎	×
Co-Cr & Ni-Cr Disk	×	×	Screw-Retained Bridge (Crown & Coping)	◎	×
Titanium Disk	○	×	Customized Abutment	◎	◎
Lithium Disilicate	○	×	Hybrid Abutment	◎	×
Nanocomposite	◎	×	Inlay & Onlay	◎	×
Zirconia	◎	×	Crown & Coping	◎	×
PMMA	◎	×	Crown & Coping Bridge	◎	×
PEEK	◎	×	Model	◎	×
Wax	◎	×	Bite Splint	◎	×
			Denture	◎	×

◎: High Compatibility / ○: Compatibility / X: Non-Compatibility



[5X-450] Usinage de précision à l'aide d'une cartouche AT

En plus de l'usinage simple des faces supérieure et inférieure, vous pouvez usiner la face revers (face gingivale), la face occlusale et la rainure de rétention en utilisant la cartouche AT.



[4X-450] Differentiated Pre-milled Blank Machining

Vous pouvez monter 10 ébauches pré-fraisées et les usiner simultanément, et usiner la zone revers (côté gingival) et côté occlusal en utilisant une rotation de 90° de l'axe A dans des conditions optimales.

Spécifications

Model	5X-450	4X-450	Model	5X-450	4X-450
Axis	5 Axis	4 Axis	Drive Mechanism	Ball Screw	Ball Screw
Processing	Wet and Dry	Wet and Dry	Way System	Linear Guide	Linear Guide
Spindle Power	AC 1.28kw	AC 1.8kw	Machine Size (W*D*H)	791*791*790mm	791*791*790mm
Max. RPM	60,000	50,000	Total Size (W*D*H)	791*791*1657mm	791*791*1657mm
A.T.C	15	6	Weight (Machine / Table)	185kg / 65kg	185kg / 65kg
Tool Shank (mm)	Ø6	Ø6	Travel	X,Y,Z axis	245*116*130mm
Motor	Stepping	Stepping		A / B axis	360° / ±35.1°
					360° / -

Liste des outils

Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA(Long)	PB-88	3.0	D3.0*L20*55
	MB-10	2.0	D2.0*L12*50		PB-89	2.0	D2.0*L20*55
	MB-11	1.5	D1.5*L10*50		PB-90	1.5	D1.5*L18*58
	MB-12	1.0	D1.0*L10*50		PB-91	1.0	D1.0*L13*55
Metal(Disk)	MB-14	0.6	D0.6*L03*50		PB-92	0.6	D0.6*L10*55
Metal (Reamer)	MR-01	3.5	D3.5*L18*55*180°	PMMA(Denture)	PB-93	4.5	D4.5*L25*60
	MR-02	2.6	D2.6*L18*55*180°	PMMA(Lollipop)	PB-94	3.0	D3.0*L15*60
	MR-05	2.3	D2.3*L18*55*120°	T-cutter	TC-82	2.0	D2.0*L08*50
	MR-06	2.3	D2.3*L18*55*90°		TC-83	1.8	D1.8*L08*50
	MR-07	2.3	D2.3*L18*55*30°		TC-84	1.5	D1.5*L08*50
	MR-09	2.4	D2.4*L18*55*70°		TC-97	2.3	D2.3*L07*50
	MR-10	2.6	D2.6*L18*55*30°	Flat endmill	MF-15	2.0	D2.0*L18*55
	MR-11	2.4	D2.4*L18*55*140°		MF-45	1.5	D1.5*L07*50
	MR-12	2.6	D2.6*L18*55*90°		MF-71	0.6	D0.6*L05*50
	MR-13	2.7	D2.7*L18*55*70°	Bullnose mill	MFR-44	1.5	D1.5*L05*R0.1*50
	MR-14	2.3	D2.3*L18*55*70°		MFR-66	1.5	D1.5*L14*R0.2*50
	MR-15	2.3	D2.3*L18*55*180°		MFR-43	2.0	D2.0*L18*R0.2*55
	MR-16	2.4	D2.4*L18*55*90°	Thread	TH-69	M2.0*P0.4	M2.0*P0.4
	MD-18	1.5	D1.5*L14*50		TH-70	M1.4*P0.3	M1.4*P0.3
	MD-19	2.0	D2.0*L18*55		TH-95	M1.8*P0.35	M1.8*P0.35
	MD-73	1.1	D1.1*L05*50		TH-99	M1.6*P0.35	M1.6*P0.35
Zirconia (Long)	ZB-85	2.0	D2.0*L25*60				
	ZB-86	1.0	D1.0*L20*60				
	ZB-87	0.6	D0.6*L10*60				

NOUS ALLIONS L'EXPÉRIENCE À LA PERFECTION

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