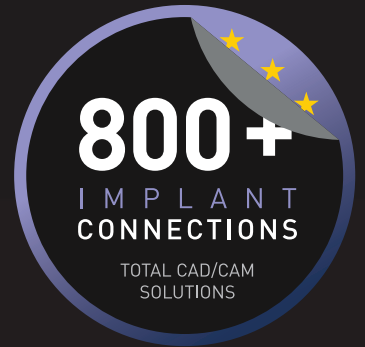


# USINAGE DE MÉTAUX SOLIDES AVEC LA PLUS GRANDE GAMME DE SYSTÈMES D'IMPLANTS



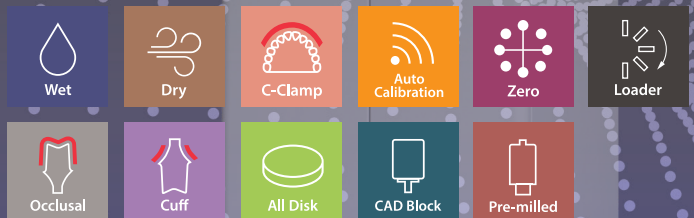
Fraiseuse stable et durable  
pour un usinage de haute qualité.



## ARUM série 5X-500



ARUM



# Détail des usineuses ARUM



Metal Disk [ 800+ Implant Connection Milling ]

Pre-milled Blank

Zirconia Block

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 2.2kw	AC 2.2kw	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	245*116*130mm
	A axis / B axis	360° / +40° ~ -31.5°	360° / +40° ~ -31.5°	360° / ±30°	360° / ±35.1°
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

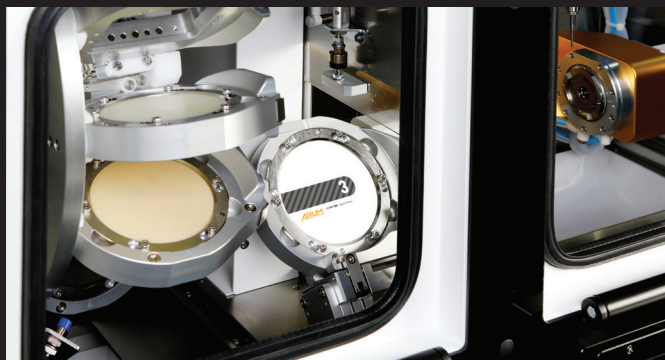
Implant Bar	◎	◎	◎	◎
Screw-Retained Bridge	◎	◎	◎	◎
Customized Abutment	◎	◎	◎	◎
Hybrid Abutment	◎	◎	◎	◎
Inlay & Onlay	◎	◎	◎	◎
Crown & Coping	◎	◎	◎	◎
Crown & Coping Bridge	◎	◎	◎	◎
Model	◎	◎	◎	◎
Bite Splint	◎	◎	◎	◎
Denture	◎	◎	◎	◎



4X-450	5X-400	5X-300 Pro	5X-300D
4 Axis	5 Axis	5 Axis	5 Axis
Wet	Wet and Dry	Wet and Dry	Dry
50,000	80,000	80,000	60,000
AC 1.8kw	AC 0.5kw	AC 0.5kw	AC 0.5kw
6	10	12	12
Ø6	Ø4	Ø4	Ø4
Stepping	Stepping	Stepping	Stepping
Ball Screw	Ball Screw	Ball Screw	Ball Screw
Linear Guide	Linear Guide	Linear Guide	Linear Guide
791*791*1657mm	568*643*1616mm	568*641*1583mm	568*641*645mm
185kg / 65kg	100kg / 65kg	90kg / 65kg	90kg / -
241*116*130mm	146*122.3*106.5mm	167*119.8*94mm	167*119.8*94mm
360° / -	±35.2° / 360°	±30° / 360°	±30° / 360°
-	O type	C type	C type
-	-	-	-
-	-	-	-
◎ (10ea)	○ (2ea)	X	X
X	X	X	X
X	X	X	X
X	◎	◎	X
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	X	X	X
X	X	X	X
◎	○	X	X
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	◎	◎	◎
X	○	◎	◎

\* Les produits sont susceptibles d'être modifiés sans préavis pour améliorer la qualité, la fonction, la conception ou autre.

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



### Performances d'usinage exceptionnelles

5X-500L est un modèle comprenant une partie chargeur avec lequel vous pourrez réaliser un usinage intelligent 24 heures sur 24 avec le remplacement automatique de 12 supports disque. Vous pouvez usiner de manière précise et stable, même en cas de remplacement répété des supports disque, et gérer efficacement le temps de production.

### Usinage avec un maximum d'efficacité

Possibilité d'usiner une grande variété de matériaux avec un seul réglage. (un espace de stockage pour 12 supports disque, 12 disques, 72 pre-milled, 72 blocs Cad), vous permettant de gérer efficacement le temps et les coûts d'usinage.

## Spécifications

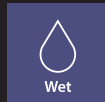
Axis	5 Axis	Way System	Linear Guide	
Processing	Wet and Dry	Machine Size (W*D*H)	1078*921*889mm	
Spindle Power	AC 2.2kw	Total Size (W*D*H)	1078*921*1713mm	
Max. RPM	60,000	Weight (Machine / Table)	360kg / 110kg	
A.T.C	20	Travel	X,Y,Z axis	227.5*125*131mm
Tool Shank (mm)	Ø6		A / B axis	360° / +40° ~ -31.5°
Motor	Servo	Number of Jig	12	
Drive Mechanism	Ball Screw	Jig exchange	Auto	

## Liste des outils

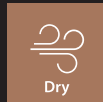
Material	Code	Ø	Size	Material	Code	Ø	Size
Zirconia	ZB-05	2.0	D2.0*L20*55	Glass ceramic	DG-21	1.0	D1.0*L10*50
	ZB-06	1.0	D1.0*L14*53		DG-22	0.6	D0.6*L08*50
	ZB-07	0.6	D0.6*L08*50		DG-37	2.5	D2.5*L12*50
	ZB-78	0.3	D0.3*L1.5*50		DG-38	1.5	D1.5*L10*50
Metal (Premilled Blank/Disk)	MB-09	3.0	D3.0*L12*50	PMMA(Long)	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				

# ARUM 5X-500L

12  
Magazine



Wet



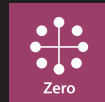
Dry



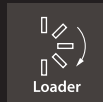
C-Clamp



Auto Calibration

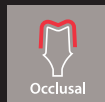


Zero

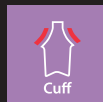


Loader

20  
Tool



Occlusal



Cuff



All Disk



CAD Block



Pre-milled



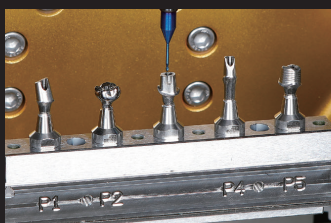
Paramètre de la stratégie européenne de fraisage

Pour plus de 800 connexions d'implants.

Modifié pour maximiser la production

Espace compartiment pour 12 supports disque, 12 disques, 72 pre-milled, 72 blocs cad.

Fraisage de pilier sans embout + Attachement

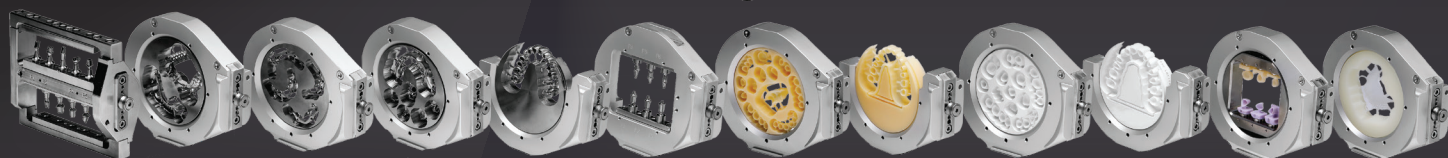


Autre

Cadre solide, stabilité du fraisage, haute qualité du résultat, vibrations minimales.

Plusieurs types de supports disque disponibles

Fonctionnement 24h/24  
Production non-stop



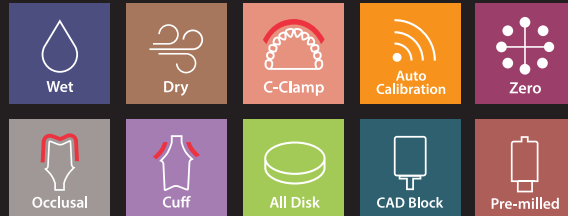
## Informations sur les matériaux et les applications

Materials		Applications	
Pre-milled Blank	◎ (over 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

# ARUM 5X-500

20  
Tool



Système ouvert

Control PC intégré

Accès facile au teamviewer pour accroître l'efficacité.

Usinage des matériaux durs et mous

Y compris le CoCr, le titane, l'acier inoxydable, le verre céramique, la zircone, le PMMA et plus encore.



Préfrisage Straumann  
Original Disponible

Straumann PMAB titulaire.



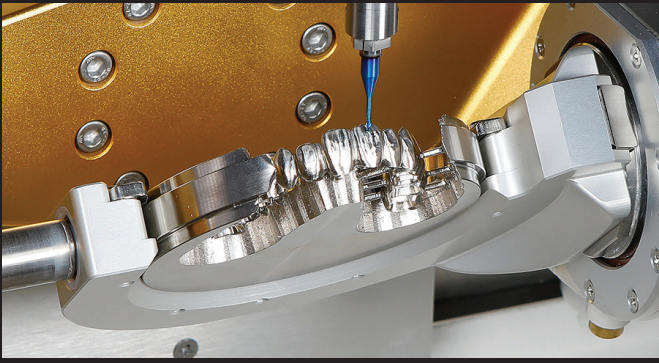
5-Axis

Simultaneous machining including undercuts.

## Informations sur les matériaux et les applications

Materials		Applications	
Pre-milled Blank	◎ (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



### Excellente précision et durabilité

Avec le système Point ZERO, vous obtiendrez une excellente précision du point d'origine malgré un remplacement répété du support disque, vous permettant d'usiner des formes complexes de manière stable. Le servomoteur avec codeur absolu intégré et support auxiliaire compense même les vibrations les plus fines.

### Usinage de face labiale

Avec le support disque de type C ouvert, vous pouvez minimiser le temps passé à l'usinage de précision et au post-usinage de la texture et de la zone de contre-dépouille du côté labial (ou buccal).

## Spécifications

Axis	5 Axis	Drive Mechanism	Ball Screw	
Processing	Wet and Dry	Way System	Linear Guide	
Spindle Power	AC 2.2kw	Machine Size (W*D*H)	689*918*839mm	
Max. RPM	60,000	Total Size (W*D*H)	689*918*1706mm	
A.T.C	20	Weight (Machine / Table)	230kg / 65kg	
Tool Shank (mm)	Ø6	Travel	X,Y,Z axis	227.5*125*131mm
Motor	Servo		A / B axis	360° / +40° ~ -31.5°

## 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°	Bullnosemill	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

## NOUS CONTACTER

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Scannez moi pour  
whatsApp!