



We Love Dental

Product Catalogue

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Technical Details

Global Excellence

in **Dental Technology**

GET TO KNOW US

At Redon Technology, we are driven by our vision and mission to **shape the future with cutting-edge innovations** through our forward-thinking solutions.

Redon Technology

Reliable

Determined

Fair



Our Mission

We shape the future with our innovative perspective, experience, and continuous investments in high technology; inspiring the world by enhancing people's quality of life with our value-creating designs.

Our Vision

As a global company focused on technology, we aim to benefit humanity and the environment with our timeless product designs.

Dedicated

Fast

MASTER- PIECES *in* DENTISTRY





Dear Stakeholders,

As Redon Technology, we continue to offer innovative solutions in the dental field with the passion we have felt since our establishment. Thanks to our strong production infrastructure and extensive R&D investments, we develop the highest performance devices. By applying our quality control processes at the highest standards, we ensure the reliability of our products. In our training-oriented experience center, we strengthen our cooperation by increasing knowledge sharing with professionals in the industry.

We aim to continue to prioritize customer satisfaction by focusing on the future with aesthetic design and technological innovations. Thank you for your valuable support.

Best Regards,

Atakan Akçay

CEO, Founder of Redon Technology

#End-to-End *digital* Dentistry Workflow



SCANNER



CAD



CAM



Nesting



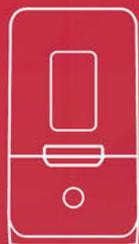
Design



Scan



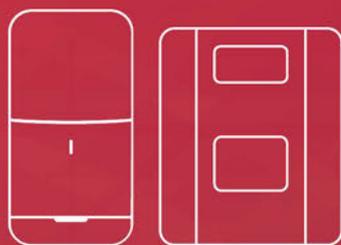
Faster and smooth results
with our high-tech products at every stage
of production processes



3D
PRINTER



Print



DENTAL CNC



Mill



SINTERING
FURNACES



Sinter

Best Mill®

Unrivaled;
With a single block changer that can be
integrated into a dual machine.



Best Mill®



Best Mill Plus®



Best Mill Automation®

Engineered for
Excellence





60.000 RPM

Spindle Rotation Speed

3.7 kW

Spindle Power

Absolute Servo Motor

5 AXIS

Simultaneous Milling Tech

Applications you can do with Best Mill®



Custom Abutments



Crown Bridge



Denture



Framework



Surgical Guide



Veneers



Inlay



Onlay



Model



Screw Retained Bridge



Splint



Telescope



Crown



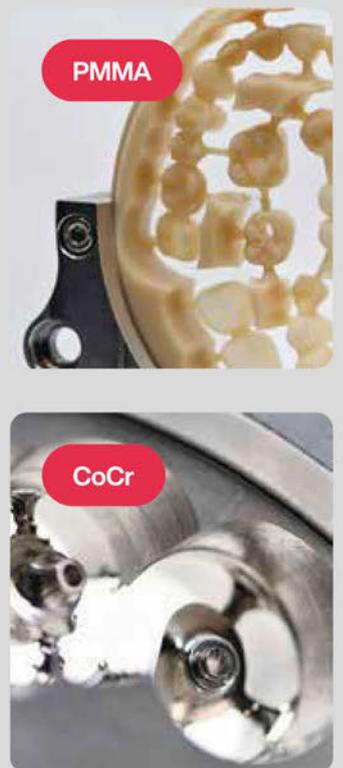
Hybrid Abutments



Titanium



Zirconium



PMMA



Titanium



CoCr

Best Mill® Plus Automation



With Automation Increase Productivity

Capability to run 2 machines
with a single block changer





Achieve **maximum performance and productivity** while making your works easier. Thanks to replaceable bur cartridge of rewarded Best Mill®.



Best Mill®



Best Mill Plus®



Dry



Wet

Automatic block changer

15 block capacity

Ability to mill on all materials



Produced by Best Mill®

Zirconium



Titanium



Glass Ceramic

redon VIA



CoCr





Transforming
clinics *with* **Cutting-Edge
Dental Tech**



Metal Monster

A single machine is enough for all your needs.
You can experience a unique equipment that
can mill all the materials.



Color Options 

Faster, more precise

Hold on tight





60.000 RPM

Spindle Rotation Speed

3.7 kW

Spindle Power

Absolute Servo Motor

5 AXIS

Simultaneous Milling Tech

Applications you can do with GTR



Custom Abutments



Crown Bridge



Denture



Framework



Surgical Guide



Veneers



Inlay



Onlay



Model



Screw Retention Bridge



Splint



Telescope



Crown



Hybrid Abutments



Titanium



Zirconium



Titanium



CoCr



Wax



Glass Ceramic

redon VIA



Hybrid

Full



1.2 kW
Spindle Power

Eco Dry



0.86 kW
Spindle Power

With dry or wet milling options, mill all materials at the highest quality in your dental lab.

Color Options



Hybrid Eco Dry



Hybrid Eco Dry
No-Display

High Precision

At Every Stage





60.000 RPM

Spindle Rotation Speed

12 BUR

Capacity

Absolute Servo Motor

5 AXIS

Simultaneous Milling Tech

Applications you can do with Hybrid



Custom Abutments



Crown Bridge



Denture



Framework



Surgical Guide



Veneers



Inlay



Onlay



Model



Screw Retained Bridge



Splint



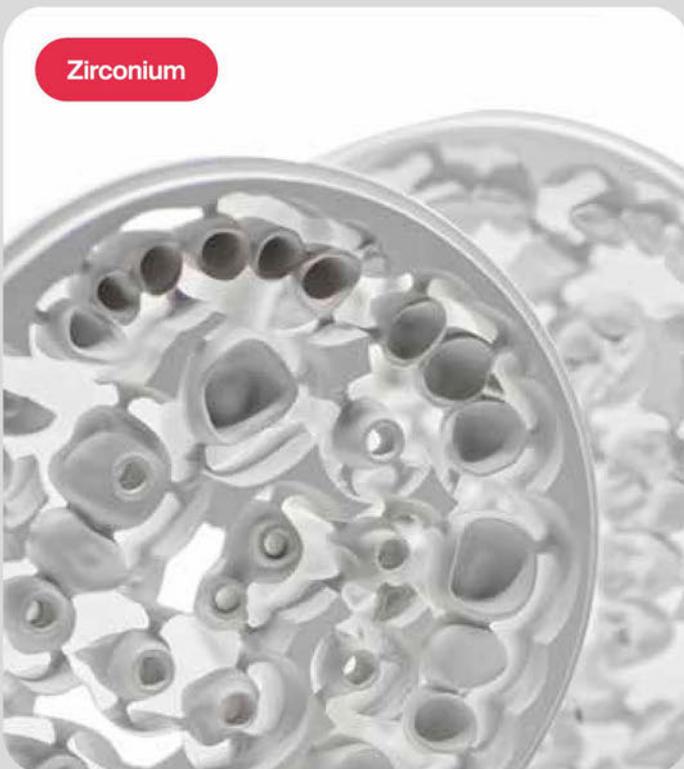
Telescope



Crown



Hybrid Abutments



WOOM



Dry
0.86 kW
Spindle Power

Start production in the easiest way without the requirement of air compressor and additional equipment in dry milling!



Simplify
The Process

WE
Love
DENTAL

New Product



100.000 RPM

Spindle Rotation Speed

12 BUR

Capacity

Absolute Servo Motor

5 AXIS

Simultaneous Milling Tech

Applications you can do with Woom



Crown



Crown Bridge



Screw Retained Bridge



Denture



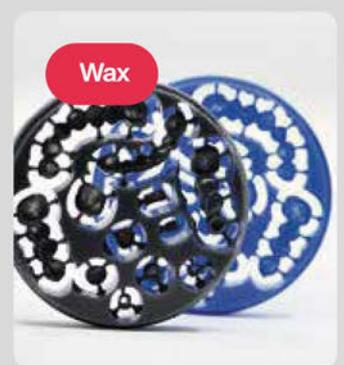
Framework



Model



Surgical Guide

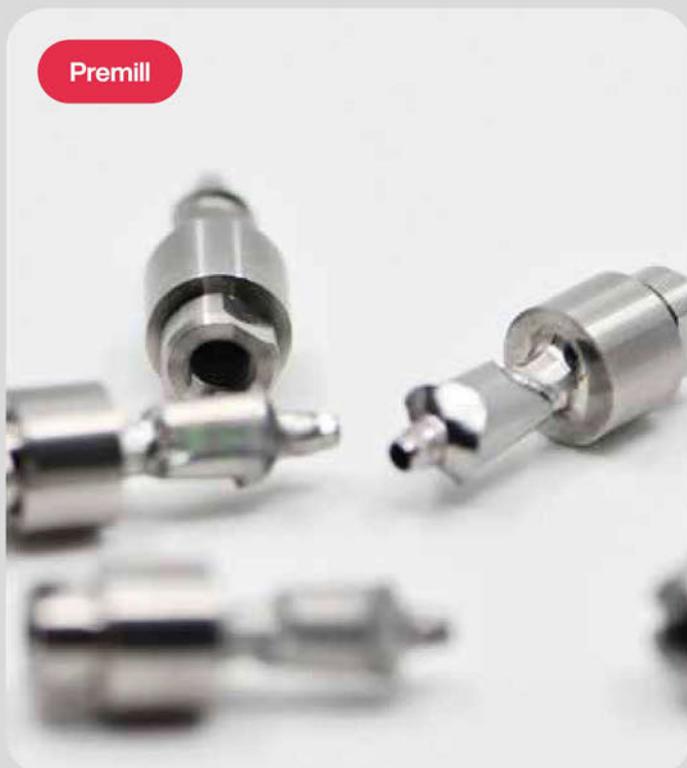


R-One+

Gain speed with the chairside system.
Production in a clinical setting ensures quick patient treatment.



Applications you can do with R-One+





100.000 RPM

Spindle Rotation Speed

Air free

0/360 (Endless)

B Axe Max Slope

4 AXIS

Simultaneous Milling Technology

7 BUR

Capacity



**Chairside System +
Eco-friendly**







Redon R-One+



Eco-Friendly Innovation

for a Better Tomorrow

#EcoTech #Sustainability2025



Plug & Go ▶▶▶



Eco-friendly Innovation





**Transforming
clinics *with*
Chairside
System**

Gain speed with the chairside system.
Production in a clinical setting ensures
quick patient treatment.



For applications and material, visit [page 43 - 44](#)

Award-Winning Performance



Best Mill®





Best Mill®



Best Mill®
Plus



Best Mill® Plus Automation

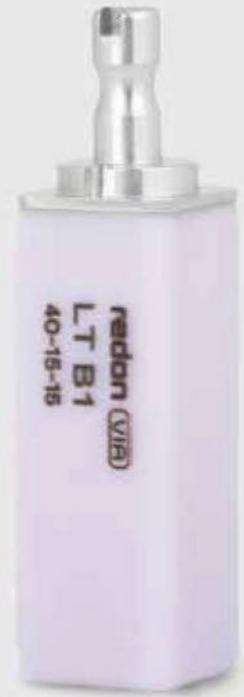
Dental 4.0

Fully Automated System

redon VIA

Dental Lithium Disilicate Glass Ceramic

Discover natural opacity, fluorescence and multicolored option.



Highly Transparent Structure

Advanced Mechanical Strength



Aesthetic Results

High Translucency





Instant

Restoration Applications

Shades

Wide Color Range

≥400 MPa

Outstanding Mechanical Strength

Applications you can do with Redon VIA



Crown
Bridge



Veneers



Inlay



Onlay



Crown

Aesthetics and Durability at the Highest Level

Ti-base & Crown Connection



redon (VIA)

Glass Ceramic



Dental Burs

ZIRCONIA



T1 T2 T3 T32

Shank	Ø2	Ø1	Ø0,6	Ø0,3
	Ø4-6	Ø4-6	Ø4-6	Ø4-6
	Dia	Dia	Dia	AlCrN

WAX | PLASTIC



T3 T4 T5

Shank	Ø2	Ø1	Ø0,6
	Ø4-6	Ø4-6	Ø4-6
	Dia	Non-Dia	Non-Dia

GLASS CERAMIC



T11 T13 T14 T15 T16

Shank	Ø2,5	Ø1,5	Ø1,0	Ø1,0	Ø0,6
	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6
	EDD	EDD	EDD	EDD	EDD

Wide Variety of
Dental Burs

Order Now
shop.redon.com



TITANIUM | CoCr



T21 T22 T23 T24 T25 T26 T27

	Ø4.0 R1	Ø2.5 R0,5	Ø2.0	Ø1,5	Ø1,5 R0,2	Ø1,5	Ø1,5
Shank	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6
	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN



T28 T29 T30 T31 T32 T33 T35

	Ø1.0	Ø1.0	Ø0,6	Ø0,5	Ø0,3	Ø0,3	ØM1,4
Shank	Ø4-6						
	AlCrN						

Abbreviations Dia: Diamond, EDD: Electro Deposited Diamond, Non-Dia: Non-Diamond,
AlCrN: Onyx aluminum chrome nitride



Redon Shop App



shop.redon.com

Get EXOCAD with Redon privilege!



Your freedom is our passion.

 **Clinicians**

 **Dental Technicians**

 **System Integrators**

Bundles	DentalCAD Core Version	Virtual Articulator	Provisional Module	TruSmile Module	ZRS Smile Module	Implant Module	Bar Module	DICOM Viewer	Model Creator	Smile Creator	Jaw Motion Import	FullDenture Ivotion Add-On	PartialCAD Module	Bite Splint Module	FullDenture Module	Inspira Denture Tooth Library	xSNAP Module	Nesting(Includes In-CAD Nesting)	In-CAD Nesting	
Exocad Core	✓	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Exocad Advanced	✓	✓	✓	✓	✓	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Exocad Implant	✓	✓	✓	✓	✓	✓	✓	✓	*	*	*	*	*	*	*	*	*	*	*	*
Exocad Ultimate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	*	*	*

* Indicates optional add-ons.



Design smiles patients adore



exocad

 **redon**
the dental experience

Speed up your work



Medit T710

High Accuracy **Open System**

High-Resolution Cameras **Superfast Scanning**

Auto-Elevation

T710



flow

MEDIT

Full-arch scan
In 8 seconds



Discover MiYO for your lab today!

miYO

With the paste-like MiYO liquid ceramic, monolithic restorations can be designed with aesthetics and depth effects that are only known from layered restorations - with considerably less time effort.



Natural aesthetics and depth effects with unique light dynamics.

Only 0.1 - 0.2 mm layering thickness, therefore no risk of chipping.



Initial Situation



Final Situation



Final MiYO Restoration



Maxim Vorkul | monolithic veneers,
upper 16-26, lower 44-47, 34-37

**Versatile applications make MiYO
a real game changer for your restorations.**



Redon Shop App



shop.redon.com

Aesthetics without compromise



Over 430 zirconia variants for all technical indications!
Two aesthetic lines for all aesthetic requirements!



Hybridlayer | 5Y-TZP + 3Y-TZP | 1050 ± 150 MPa

Hybridlayer - 5Y/3Y multicolored zirconia

WAK (25-500°C)	~ 10,7 [10 ⁻⁶ K ⁻¹]	Chemical solubility	~ 17,5 [µg/cm ²]
Fracture toughness (KIC)	5,5 [MPa√m]	Bending strength*	1050 ± 150 [MPa]



*measured according to DIN EN ISO 6872



Redon Shop App



shop.redon.com



DDcubeONE®

White | 4Y-TZP | 1200 ± 150MPa

High-strength cubic zirconia system

CTE(25-500°C)	~ 10.8 [10-6 K-1]	Chemical solubility	≤ 15.3 [µg/cm ²]
Fracture toughness (KIC)	> 10 [MPa√m]	Bending strength*	1200 ± 150 [MPa]



WHITE

DDcubeONE^{ML}

Multilayer | 4Y-TZP | 1200 ± 150MPa

High-strength cubic zirconia system

CTE(25-500°C)	~ 10.8 [10-6 K-1]	Chemical solubility	≤ 15.3 [µg/cm ²]
Fracture toughness (KIC)	> 10 [MPa√m]	Bending strength*	1200 ± 150 [MPa]



MULTI LAYER

DDBioZX²

White | 3Y-TZP-LA | 1150 ± 150MPa

High translucent zirconia

CTE(25-500°C)	~ 10.6 [10-6 K-1]	Chemical solubility	> 8.0 [µg/cm ²]
Fracture toughness (KIC)	> 11 [MPa√m]	Bending strength*	1150 ± 150 [MPa]



WHITE

DDBioZX²color

Monochrome | 3Y-TZP-LA | 1150 ± 150MPa

Natural chroma - high translucent zirconia

CTE(25-500°C)	~ 10.6 [10-6 K-1]	Chemical solubility	> 8.0 [µg/cm ²]
Fracture toughness (KIC)	> 11 [MPa√m]	Bending strength*	1150 ± 150 [MPa]



MONO CHROME



SHT Nacera Pearl Natural												
HT+ DDCubeONE												
HT DDBioZX2 color												

TRANSLUCENCY
STABILITY

Redon Magma

Thanks to the size of the heating room,
you can sinter up to 25 pieces of work at once.

Technical Details

1500 W

4x Resistors (MoSi2)

Maximum heat 1650°C

Program control

Classic sintering speed

Heat precision +/- 3°C at 1500°C

Maximum heat
increase/minute 25°C/min.



Built for the best

As Price/Performance



Redon Rapid

Technical Details

3200 W

4x Resistors (MoSi₂)

Maximum heat 1650°C

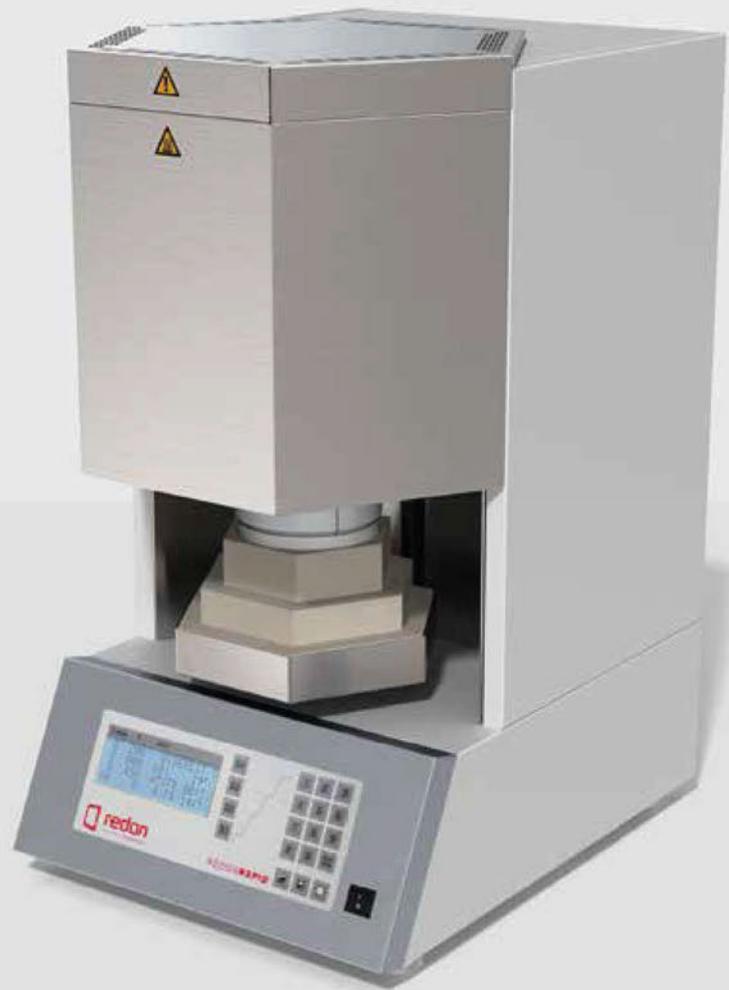
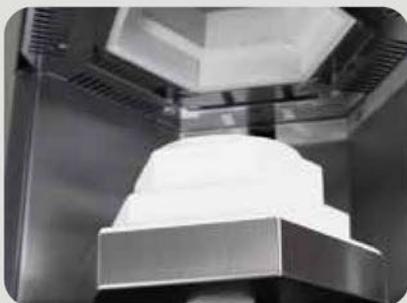
30 program memory

Rapid and classic sintering speeds

Heat precision +/- 3°C at 1500°C

Maximum heat
increase/minute 25°C/min.

Thanks to the size of the heating chamber,
**you can sinter your works including up to
80 elements at once.**



Applications

	Best Mill®	GTR	Hybrid Full	Hybrid Eco Dry	Hybrid Eco Dry No-Display	R-One+	Woom
 Crown	✓	✓	✓	✓	✓	✓	✓
 Crown Bridge	✓	✓	✓	✓	✓	✓	✓
 Veneers	✓	✓	✓	*	*	✓	
 Inlay	✓	✓	✓	*	*	✓	
 Onlay	✓	✓	✓	*	*	✓	
 Screw Retained Bridge	✓	✓	✓	✓	✓		✓
 Denture	✓	✓	✓	✓	✓		✓
 Splint	✓	✓	✓	✓	✓		✓
 Custom Abutments	✓	✓	✓			*	
 Surgical Guide	✓	✓	✓	✓	✓		✓
 Hybrid Abutment	✓	✓	✓				
 Framework	✓	✓	✓	✓	✓		✓
 Model	✓	✓	✓	✓	✓		✓
 Telescope	✓	✓	✓				

Materials marked with (*) are optional for wet version only.



Holder Types

Best Mill®	Standard				Optional				
		Standard Holder	C Clamp Holder	Glass Ceramic / Premill Holder		Custom Glass Ceramic / Premill Holder	Premill Holder	Glass Ceramic Holder	Denture Holder
GTR	Standard				Optional				
		Standard Holder	C Clamp Holder	Glass Ceramic / Premill Holder		Custom Glass Ceramic / Premill Holder	Premill Holder	Glass Ceramic Holder	Denture Holder
R One+	Standard								
		Glass Ceramic Holder	Premill Holder	Multiple Glass Ceramic Holder		Multiple Premill Holder	Multiple Glass Ceramic / Premill Holder		
Hybrid Full	Standard			Optional					
		C Clamp Holder	Glass Ceramic / Premill Holder		Premill Holder	Glass Ceramic Holder	Denture Holder		
Hybrid Eco Dry	Standard			Hybrid Eco Dry No-Display		Optional			
		C Clamp Holder	Glass Ceramic				C Clamp Holder	Glass Ceramic	
Woom	Standard								
		C Clamp Holder							

Materials

	Best Mill®	GTR	Hybrid Full	Hybrid Eco Dry	Hybrid Eco Dry No-Display	R-One+	Woom
Zirconium	✓	✓	✓	✓	✓	*	✓
PMMA	✓	✓	✓	✓	✓	*	✓
Class Ceramic	✓	✓	✓	*	*	✓	
Premill	✓	✓	✓			✓	
Fiber	✓	✓	✓				
Titanium	✓	✓	✓			✓	
CoCr	✓	✓	✓				
Peek	✓	✓	✓				
Alumina	✓	✓	✓				
Composite	✓	✓	✓				
Wax	✓	✓	✓	✓	✓		✓

Materials marked with (*) are optional.

Technical Details



**Redon
Best Mill®**

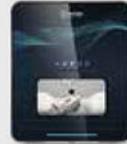


**Redon
GTR**



**Redon
R-One+**

	One	Plus	Plus Automation		
Air Requirement (Max.)	100 lt/min	100 lt/min	150 lt/min	100 Lt/min	-
Disk Capacity	1	15	15	1	6
Bur Capacity	24	24	48	12	7
Number of Axis	Simultaneous 5 Axis			Simultaneous 5 Axis	Simultaneous 4 Axis
Spindle Rotation Speed	60.000 RPM			60.000 RPM	100.000 RPM
Wet and Dry Milling	Yes			Yes	No
Spindle Power	3.7 kW / STD			3.7 kW / STD	0.86 kW
Voltage	110v - 230v			110v - 230v	110v - 230v
Frequency	50-60Hz			50-60Hz	50-60Hz
Mill / Tool Shank Diameter	4 / 6 mm			4 / 6 mm	3 / 4 mm
Software	Open System			Open System	Open System
Air Pressure (Bar)	6			6	-
A-B Axes Max Slope	A: 0 / 360° B: -30 / +130°			A: -30 / +120° B: -30 / +210°	0/360 (Endless)
Axis Motor Technology	Absolute Servo Motor			Absolute Servo Motor	Step Motor
Device Weight	150 kg	215 kg	365 kg	140 kg	65 kg
Device Dimensions WxHxD cm	572 x 745 x 700	985 x 745 x 700	1557 x 745 x 700	630 x 660 x 760	320 x 505 x 636

**Redon Hybrid****Redon Hybrid Eco Dry****Redon Hybrid Eco Dry No-Display****Woom**

100 lt/min	50 lt/min	50 lt/min	-	Air Requirement (Max.)
1	1	1	1	Disk Capacity
12	12	12	12	Bur Capacity
Simultaneous 5 Axis	Simultaneous 5 Axis	Simultaneous 5 Axis	Simultaneous 5 Axis	Number of Axis
60.000 RPM	100.000 RPM	100.000 RPM	100.000 RPM	Spindle Rotation Speed
Yes	*	*	No	Wet and Dry Milling
1.2 kW	0.86 kW	0.86 kW	0.86 kW	Spindle Power
110v - 230v	110v - 230v	110v - 230v	110v - 230v	Voltage
50-60Hz	50-60Hz	50-60Hz	50-60Hz	Frequency
4 / 6 mm	3 / 4 mm	3 / 4 mm	3 / 4 mm	Mill / Tool Shank Diameter
Open System	Open System	Open System	Open System	Software
6	4	4	—	Air Pressure (Bar)
A: -30 / +30° B: -30 / +210°	A-B Axes Max Slope			
	Absolute Servo Motor	Absolute Servo Motor	Absolute Servo Motor	Axis Motor Technology
140 kg	140 kg	140 kg	140 kg	Device Weight
560 x 630 x 650	560 x 630 x 650	560 x 630 x 650	540 x 665 x 625 mm	Device Dimensions WxHxD cm

Materials marked with (*) are optional.

