



We Love Dental

Product Catalogue

Contents

3 **Introducing Redon**

7 **Digital Workflow**

9 **CAD/CAM Systems**

27 **Redon VIA**

31 **Dental Burs**

33 **EXOCAD**

35 **MIYO**



37 Sintering Furnaces

39 Applications & Materials

41 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.

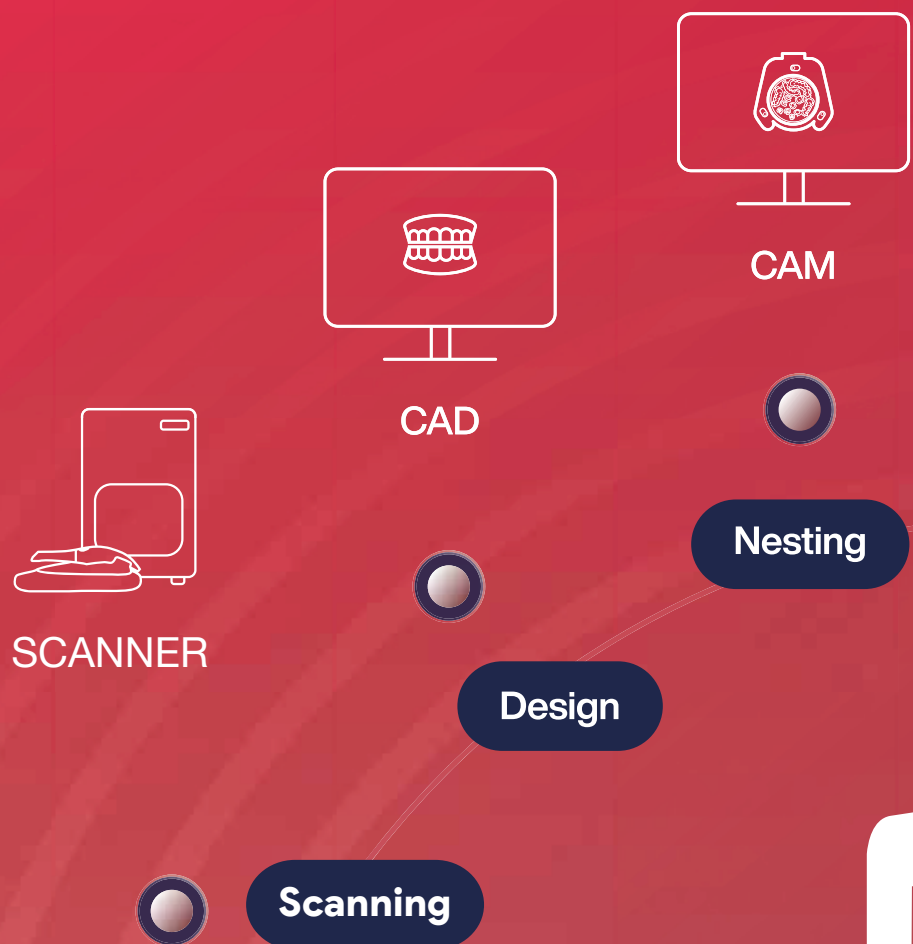
We aim to continue to prioritize customer satisfaction by focusing on the future with aesthetic design and technological innovations. Thank you for your valuable support.

Best Regards,

Atakan Akçay

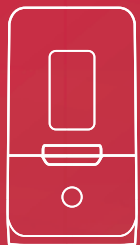
CEO, Founder of Redon Technology

#End-to-End *digital* Dentistry Workflow





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



**3D
PRINTER**



DENTAL CNC



**SINTERING
FURNACES**

Print

Milling

Sintering

Best Mill®

Unrivalled;
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
AbutmentsCrown
Bridge

Denture



Framework



Surgical Guide



Veneers



Inlay



Onlay



Model

Screw Retained
Bridge

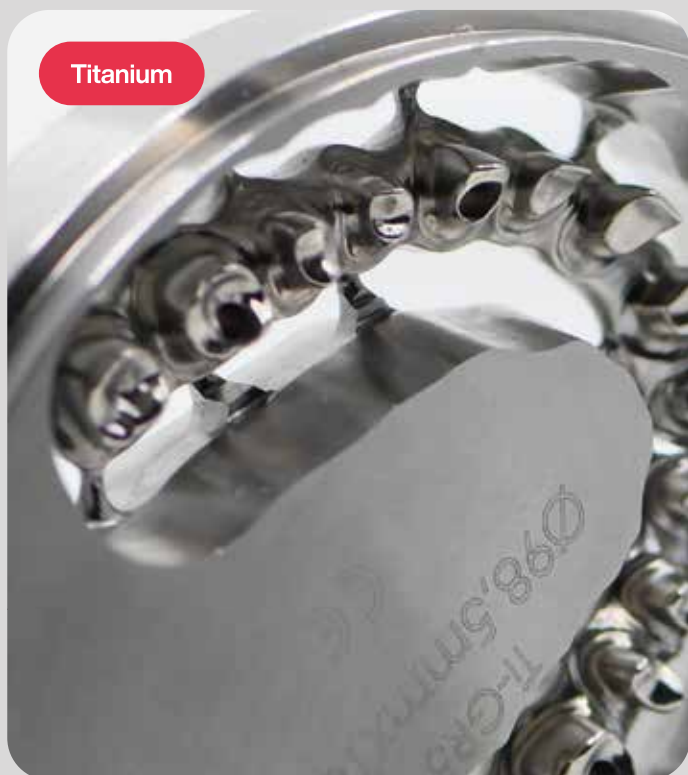
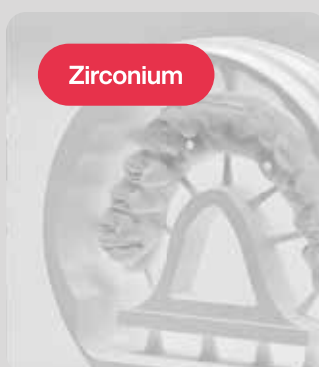
Splint



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

WE
Love
DENTAL



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

WE
Love
DENTAL

**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

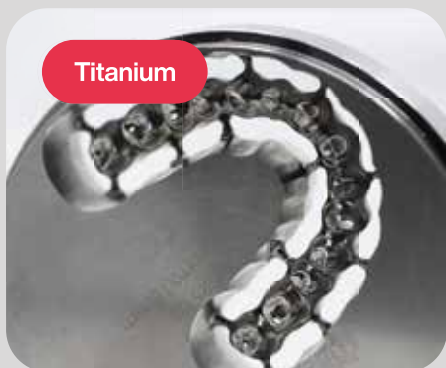


Crown



Hybrid Abutments

Titanium



Zirconium



Titanium



CoCr



Wax



Glass Ceramic



redon VIA



For applications and material, visit page 39 - 40

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



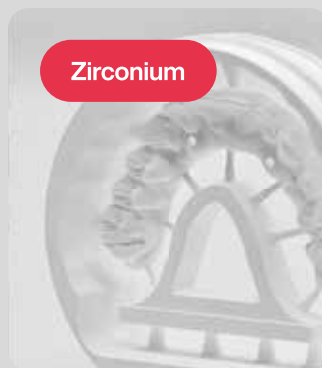
Telescope



Crown



Hybrid Abutments

Zirconium**Titanium****Wax****Zirconium****CoCr**

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!



New Product

Simplify

The Process

WE
Love
DENTAL

**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
BridgeScrew Retained
Bridge

Denture



Framework



Model



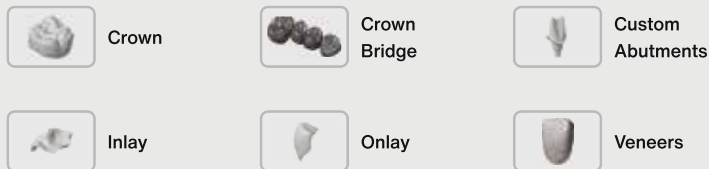
Surgical Guide

Zirconium**PMMA****Wax****Zirconium****Zirconium**

R-One+

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

Applications you can do with R-One+



Premill



Glass Ceramic





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

WE
Love
DENTAL

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 39 - 40](#)

Award-Winning Performance



Best Mill®





Best Mill®



Best Mill®
Plus



Best Mill® Plus Automation

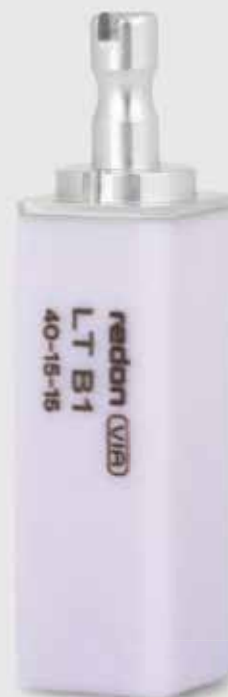
Dental 4.0

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

WE
Love
DENTAL

**Instant**

Restoration Applications

Shades

Wide Color Range

 ≥ 400 MPa

Outstanding Mechanical Strength

Applications you can do with Redon VIACrown
Bridge

Veneers



Inlay



Onlay



Crown

Aesthetics and Durability at the Highest Level

Ti-base & Crown Connection**redon** VIA**Glass Ceramic****redon** VIA
LT D2
18-15-13





Redon R-One+



Eco-Friendly Innovation

for a Better Tomorrow

#EcoTech #Sustainability2025

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**

Shank

Ø4.0 R1	Ø2.5 R0,5	Ø2.0	Ø1,5	Ø1,5 R0,2	Ø1,5	Ø1,5
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**

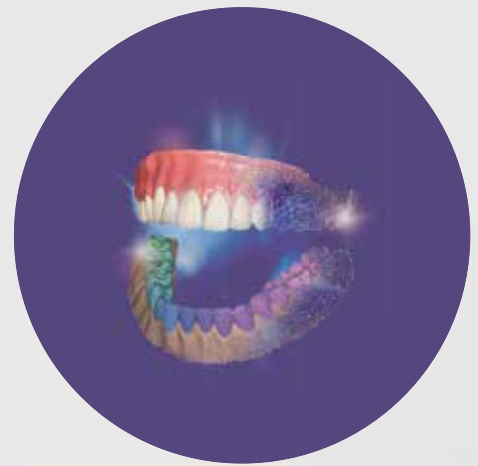
Shank

Ø1.0	Ø1.0	Ø0,6	Ø0,5	Ø0,3	Ø0,3	ØM1,4
Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6	Ø4-6
AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	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 Tooth Library	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	Nesting(Includes In-CAD Nesting)	xSNAP Module	In-CAD Nesting
Exocad Core	✓	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
Exocad Advanced	✓	✓	✓	✓	✓	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
Exocad Implant	✓	✓	✓	✓	✓	✓	✓	✓	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱	✱
Exocad Ultimate	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✱	✱

✱ Indicates optional add-ons.



Design smiles patients adore



exocad

redon
technology

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.

miYO
MiYO Kit



Redon Shop App



shop.redon.com

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

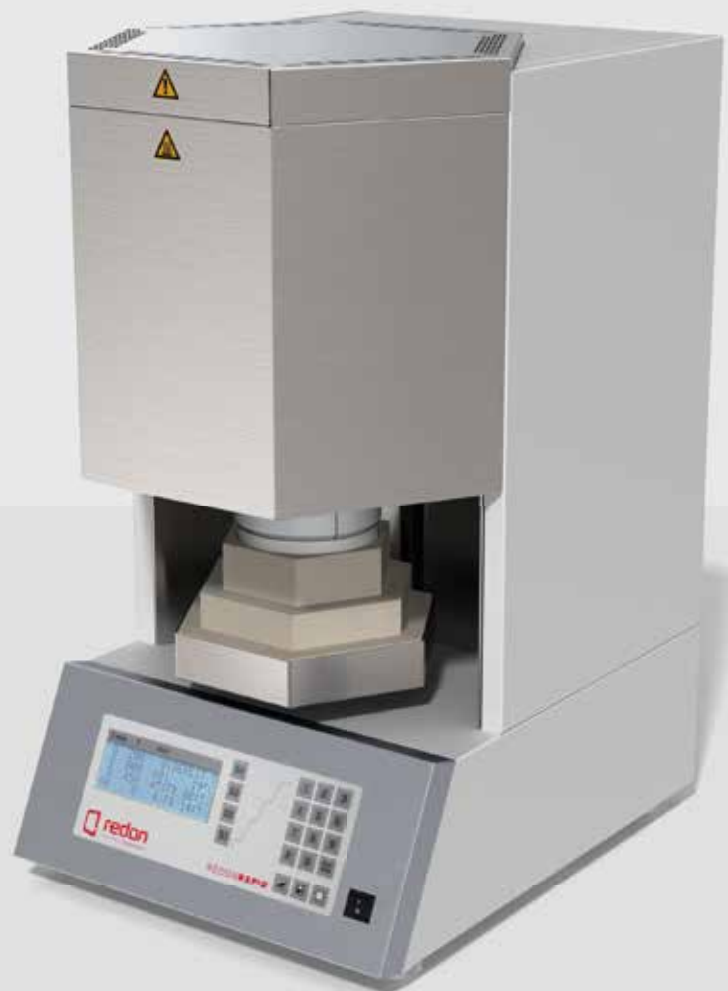
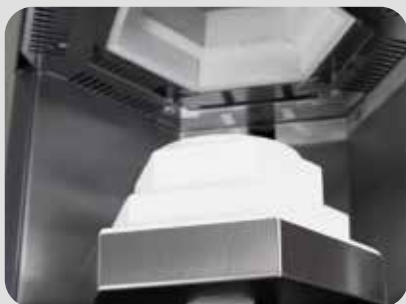
30 program memory

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.
Materials marked with (•) are optional.



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+

	OnePlusPlus 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: -30 / +30° B: -30 / +210°	A: -30 / +30° B: -30 / +210°	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.

