

vhf digital solutions – let your work flow!

The digital ecosystem for seamless workflows
and efficient dental manufacturing.



E3

E3ID123456789

23 Jobs processed

Online - In progress



R5

R5ID123452349

72 Jobs processed

Online - In progress



K5+

K5ID123456789

46 Jobs processed

Online - Standby

Top material group



- Material Group 1
- Material Group 2
- Material Group 3
- Material Group 4
- Material Group 5
- Material Group 6



vhf

CREATING PERFECTION

vhf digital solutions – your personal Smart Factory.

The modern way to manufacture dental restorations: digitally and connected.

Digital manufacturing reimagined

Digital processes have become an essential part of modern dental manufacturing. At the same time, demands for efficiency and ease of use continue to grow. A lack of connectivity often leads to unnecessary complexity. What's needed is a workflow that creates room for what really matters: quality, precision, and the enjoyment of one's work.

With the new vhf **digital solutions**, that vision becomes reality. Machines, software, and data are intelligently connected, creating seamless and efficient workflows in both dental practices and laboratories.

A connected ecosystem for your dental restorations

Three perfectly matching components form the foundation of vhf **digital solutions**:

- **dentalcam 9** – the intuitive CAM software for efficiently preparing your restorations
- **dentalcnc 9** – the machine control software for precise manufacturing and data exchange with **myvhf**
- **myvhf** – the software platform for monitoring, analytics, and additional machine-related services

Together, they enable a seamless workflow – from the design file to the completed restoration.

Optimized for labs and dental practices

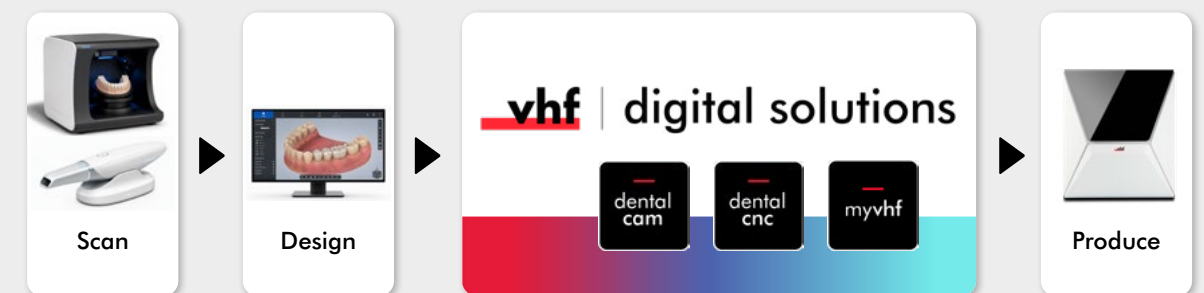
No matter where you work, digital solutions deliver meaningful productivity benefits.

Dental laboratories and **milling centers** benefit from a centralized view of the productivity and utilization of their vhf machine fleet, helping them make the most of available capacity. Remote monitoring features also provide added convenience and peace of mind when machines are running outside regular business hours.

In **dental practices** and **practice labs**, intuitive operation and transparent machine status information are especially valuable for time-sensitive chairside restorations.

Let your work flow!

vhf **digital solutions** create a fully connected workflow.



Fast

Automated functions and connected machines ensure highly efficient workflows



Transparent

Real-time overview of your processes and machine status



Easy

A consistent and intuitive user interface makes it easy to get started with digital workflows



Less complexity.
More control.

More flow
in your
production.



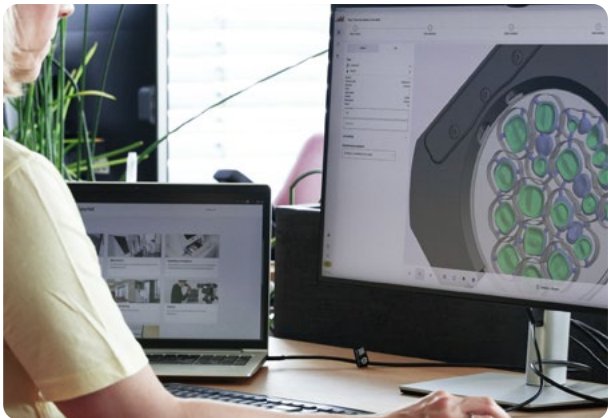
Manufacturing made easy.

Seamless interaction between CAM and CNC software for milling and grinding.

An intuitive path to perfect results

dentalcam 9 and dentalcnc 9 are perfectly matched. The latest generation of vhf software automates numerous workflow steps and makes operation easier than ever. The result: faster processes, fewer manual interventions, and processing times up to 20% shorter than with the previous version.

Once preparation is complete in dentalcam 9, the data is transferred directly to dentalcnc 9. Together, the two applications create a seamless digital workflow with no interruptions between systems. Thanks to directmill Technology, production can begin while additional toolpaths are still being calculated. This saves valuable time and maximizes efficiency in your daily production workflow.



Nesting within the disc or block, as well as the placement of support pins, is automated in dentalcam 9.



With dentalcnc 9, you control your vhf machine directly. This is also where data is exchanged with myvhf.

The future belongs to open systems!

Enjoy the freedom to choose: CAD software, scanners, and materials.

dentalcam is a powerful software package featuring open STL import for all leading CAD applications as well as AI-powered design software. In addition to geometry data, dentalcam also imports all relevant metadata. This reduces manual data entry, speeds up job preparation, and minimizes the risk of errors.

But freedom of choice doesn't stop with software. Our test center has validated virtually all materials from a wide range of manufacturers – from plastics and zirconia to non-precious alloys and glass ceramics. The optimal milling and grinding parameters for each material have been determined and stored in the comprehensive dentalcam material database. Combined with the appropriate vhf tools, this ensures not only the highest possible quality, but also the shortest possible machining times.

Automated. Fast. User-friendly.

CAM software and machine control – all from a single source.



Intuitive operation

Modern user interface with a fully 3D-based display – making operation easy, even for beginners.



Intelligent material filters

Your blank selection is supported by intelligent material filters.



More than just geometry: metadata transfer

No manual data entry required. In addition to the restoration geometry, a wide range of manufacturing information is transferred directly from the CAD software:

- Indication (e.g., crown, bridge, or implant)
- Material and shade
- Preparation lines and drill holes.



Auto-nesting

Automatically optimizes the placement of imported restorations within the disc or block.



Auto-leveling

Automatically rotates restorations within the blank to make the best possible use of the available blank height and reduce material costs.



Auto-connector placement

dentalcam 9 automatically places the connectors for your restorations.



Optimized strategies for every object type

Machining strategies are optimized for all indications. Fit discrepancies, drill holes, prep lines, and undercuts are detected automatically.



directmill Technology

While toolpaths for additional restorations or finishing passes are still being calculated, the machine already begins roughing – with no waiting time.



Multi-machine control

Control up to six machines simultaneously with dentalcnc 9. A single dentalcam 9 installation can support your entire machine fleet, simplifying administration and day-to-day management.



Seamless connection to myvhf

Continuous data exchange with myvhf for monitoring, updates, and services.

CAD integrations: Fewer clicks. More flow.

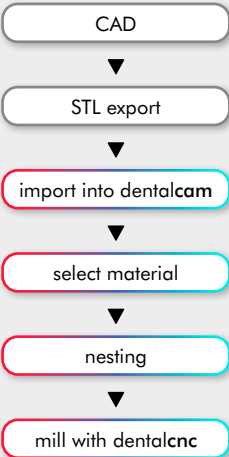
No matter which CAD software you use, dentalcam 9 offers the right path to manufacturing. From **open STL import** and **direct STL one-click transfer** to a **fully integrated CAD/CAM workflow**, our CAD integrations give you maximum flexibility, fewer manual steps, and a seamless digital process.

All relevant metadata is automatically transferred at every integration level.

Open STL import

Export the STL file from your CAD software and import it into dentalcam 9.

Available for all common CAD systems.

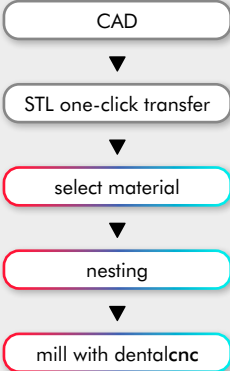


STL one-click transfer

A seamless transition between CAD and CAM. The one-click transfer sends the STL file directly to dentalcam 9.

Available for:

3Shape • Medit • Shining 3D • Circle One • Dental Twin • iTero

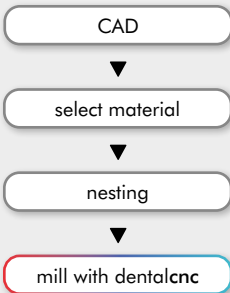


Full CAD/CAM integration

The most convenient option combines CAD and CAM in a single environment. Work entirely within your CAD software while dentalcam 9 automatically performs all required calculations in the background. It doesn't get any easier than that.

Available for:

exocad (with E4, N4+, Z4)



myvhf – your digital control center.

Access your vhf machines anytime, anywhere.

No matter where you are – your machines are just a click away

The Internet of Things connects machines and software, enabling them to exchange data and work together intelligently. For dental manufacturing, this represents a quantum leap in efficiency and process control.

myvhf is the central platform for managing your vhf machines. It brings together all relevant information in one place – clearly organized, always available, and accessible on any device, whether through a web browser or the app.

When production runs smoothly, it creates freedom

As the heart of vhf **digital solutions**, myvhf gives you access to your production data. It serves as a single source of truth, bringing everything together rather than scattering information across multiple systems. This keeps you informed and frees up valuable time for other productive tasks.

Connected. Transparent. Intuitive.

Key features of the myvhf customer platform.



Clear dashboard

The dashboard provides real-time data, productivity statistics, and the current status of your milling jobs at a glance.



Unified access

User-friendly access to all vhf digital services – available on your PC, laptop, tablet, or smartphone.



Stay up to date with push notifications

myvhf keeps you informed about important events through push notifications delivered directly to your mobile devices.



Relevant information from dentalportal

myvhf displays only the information from dentalportal that is relevant to your machine. The dentalportal serves as the central knowledge platform for all users.



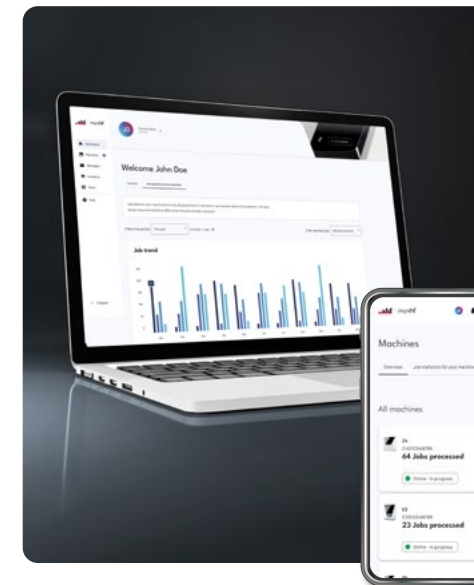
Maintenance and training

An overview of upcoming maintenance, available updates, and tailored training courses from the vhf academy helps you plan ahead with confidence.

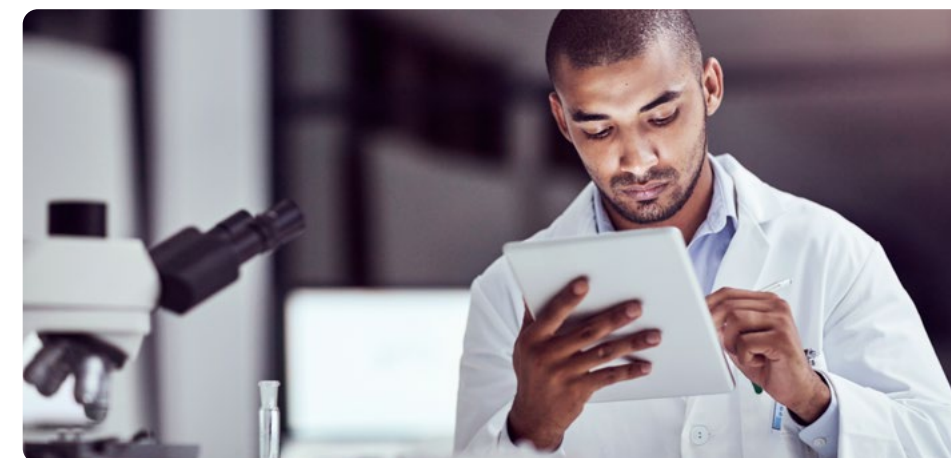


AI Chatbot included

The vhf Bot is available 24/7. You'll receive detailed answers that guide you directly to the right solution. If additional assistance is needed, you'll be connected with vhf Customer Service.

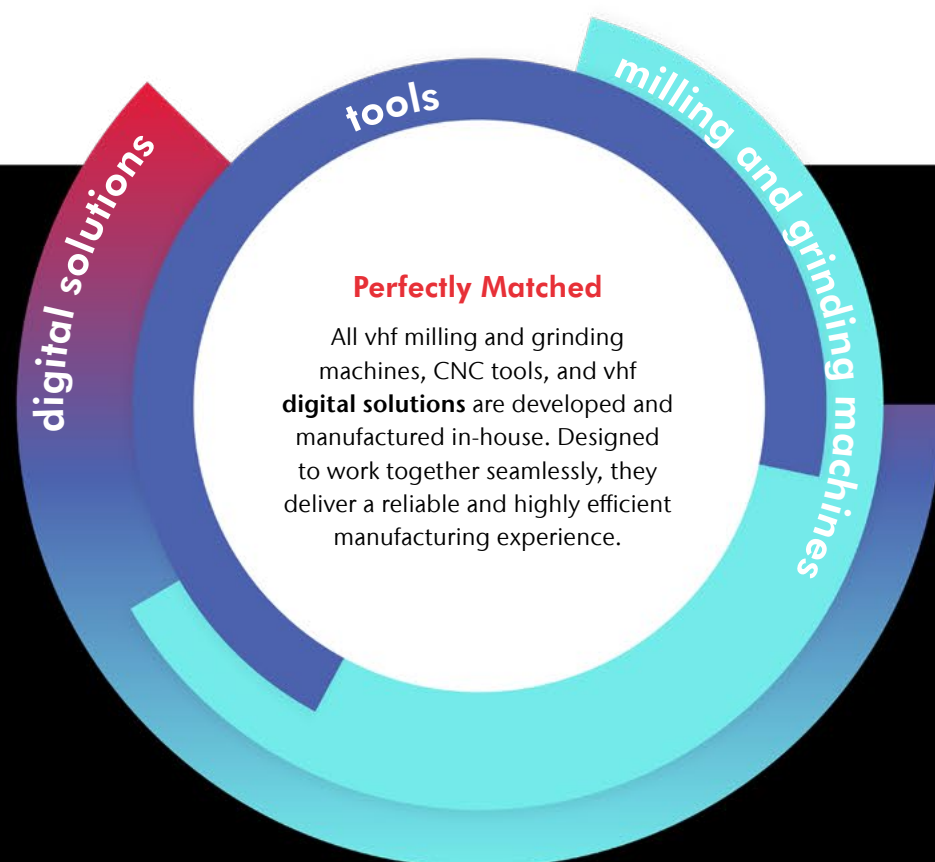


myvhf keeps you up to date with all relevant information about your machines – whether on a PC or laptop, or via the app with push notifications on your smartphone or tablet.



Better visibility, faster response times. More time for what matters.

Learn more
about
vhf **digital
solutions**



No license fees. No additional charges.

vhf **digital solutions** are included with your machine.

All components of vhf **digital solutions** are included in the purchase price of your machine and can be used without additional license fees or subscription costs. Within each software generation, such as dentalcam 9, all updates are provided automatically and at no additional cost, allowing you to continuously benefit from improvements and new features.

Combined with durable engineering and low operating costs, this results in an exceptionally attractive total cost of ownership throughout the entire life cycle of your machine.

Digital workflows for every machine class.

vhf **digital solutions** across the entire portfolio.

vhf **digital solutions** are included with all current vhf machines and are also available for many older models. They are the perfect complement to your system:

The **EASE CLASS** stands out with its compressed-air-free design, compact footprint, and service-friendly concept – ideal for an easy start in digital manufacturing.

The **PERFORMANCE CLASS** delivers powerful solutions for dental laboratories seeking maximum efficiency, whether for dry machining, wet machining, or a combination of both.

The **HIGH END CLASS** represents maximum automation, outstanding flexibility, and the ultimate user experience.



CREATING PERFECTION.

vhf – synonymous with innovation and perfection since 1988.

With over 35 years of experience in mechanical engineering, vhf is one of the leading manufacturers of dental milling machines. As a full-service CAM provider, vhf carefully develops and produces every single milling machine as well as the perfectly matched tools and software completely in-house. Everything from a single source. Made in Germany.

Service. A matter close to our hearts.

Despite the low maintenance requirements and exceptional longevity of our machines, providing outstanding service remains a top priority for us. We support you with our new vhf Bot, the user-friendly dental**portal**, numerous online tutorials and personal support through our international service network.



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