



Czech manufacturer of dental units

BOHEMIA 501





Development

Production

Service

Czech dental units

Our main activity is the production and development of dental units, but we are also engaged in the service and sale of dental equipment such as instruments, sterilization, separation, compressors, sanders, tartar remover, handpieces and others.

We are a Czech company founded in 1994. Initially, the company specialized in servicing and complete reconstruction of dental units. After years of experience in the profession, the development of our own dental sets was started. The aim was to develop a quality set that stands out for its technical workmanship, ease of maintenance and durability. We therefore worked closely with dentists, dental hygienists and dental surgeons. After years of development, the first certified model of the BOHEMIA 501 was launched in 1999. The development, production and service is certified according to EN ISO 13485. In the following years, several technical innovations were made and now the company boasts the fifth model series of the BOHEMIA 501. The company participates in international trade fairs and cooperates with multinational organizations.

● **1994**

**Foundation of the
company**

● **1999**

**First produced unit
BOHEMIA 501**

● **2004**

**2nd generation of
BOHEMIA 501**

● **2009**

**New model for
dental surgery**

● **2012**

**NATO military field
hospital equipment**

● **2019**

**Dealerships in 5 countries
around the world**



Dental units BOHEMIA 501

This range of dental units is equipped with powerful LED operating light. The doctor's table provides five positions for instruments and is equipped with a pneumatic brake to ensure the desired position is stable. The table features a foil keypad for chair control and programming, glass filling, flushing spittoon and light control. The pantograph includes a block fitted with a glass spittoon with an easy cleaning system and a rotating mechanism that allows convenient access to the patient from the other side. The spittoon block includes an assistant panel with suction tubes. From the assistant panel, the foil keypad can be used to operate the chair, fill the glass, flush the spittoon or control the light.

All models of the BOHEMIA 501 series can be equipped with an upper hose line, a holder for one or two monitors, an intraoral camera, an additional tray, an extended assistant arm or an infusion pump. The set can be equipped with various operating lights.

We offer a wide range of leatherette colours to ensure your dental suite blends in perfectly with the rest of your practice.

We will be happy to help you prepare your surgery for the installation of the unit and provide you with a technical design to make sure everything works properly.

BOHEMIA 501 Ekonom

The Ekonom model is equipped with a pneumatic vacuum pump as a vacuum source for the extractor, so there is no need for additional equipment with a powerful extractor. This version is not equipped with an amalgam separation system, however, it is possible to add an external separator, such as a Skantech sediment separator (see accessories). Three electrically operated instruments can be placed on the doctor's table.

Key features of the Ekonom model

- three electrically operated instruments
- pneumatic pump - no need to add a powerful suction pump
- desilter 6 mm and extractor 11 mm
- bottom hose line
- two-year warranty

BOHEMIA 501 Lux

The Lux model must be supplemented with a powerful suction unit. This version is not equipped with a system for amalgam separation, but it is possible to add an external separator, for example a Skantech sedimentation separator (see accessories). Four electrically operated instruments can be placed on the doctor's table.

Key features of the Lux model

- four electrically operated instruments
- powerful suction with external suction pump
- desilter 6 mm and powerful suction unit 18 mm
- bottom hose line
- two-year warranty

BOHEMIA 501 Profesional

The Profesional model must be supplemented with a powerful suction unit. This version is equipped with the Dürr amalgam separation system. Four electrically operated instruments can be placed on the doctor's table and two electrically operated instruments on the assistant's panel.

Key features of the Profesional model

- four electrically operated instruments
- powerful suction with external suction pump
- suction unit 11 mm and powerful suction unit 18 mm
- Dürr amalgam separator
- top/bottom hose lines
- three-year warranty

BOHEMIA 501

Ekonom

Lux

Profesional

Top hose line

for an additional fee

for an additional fee

without extra charge

Number of electrically operated instruments on the doctor's table

3

4

4

Number of electrically operated tools at the assistant's position

for an additional fee

for an additional fee

2

Foil keyboards

●

●

●

Programmable chair

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Swivel spit block with air brake

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Pantographic table arm with pneumatic brake

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●

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Pantographic arm of light

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LED operating light

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Glass spittoon

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●

●

Suction

pneumatic pump
6mm a 11mm

powerful suction
6mm a 18mm

powerful suction
11mm a 18mm

Dry suction

-

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●

Set of connectors for powerful breast pump

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Amalgam separator

for an additional fee
"Skantech"

for an additional fee
"Skantech"

Dürr

Multifunction foot switch

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●

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Warranty

2 years

2 years

3 years