

# **Classic line Dental units.**



**DIPLOMAT  
DENTAL  
SOLUTIONS**



Dental solutions for the global market

SINCE 1962

# MEDICAL TECHNOLOGY AND DENTAL SOLUTIONS



With more than 60 years of experience in medical technology and dental manufacturing, DIPLOMAT DENTAL has built a solid reputation as a top manufacturer and an established business philosophy where customer satisfaction is viewed as a grounding principle. The certified system of quality, high technical level, and particularly reliability and safety are the attributes that are very important to us.

DIPLOMAT DENTAL s.r.o with the successful brand DIPLOMAT, offers dental units, stools, and lights. All its products excel in quality, ergonomics and versatility

and will surely meet the requirements of even the most demanding dental professionals. The primary goal of our company is customer satisfaction with DIPLOMAT products throughout the world.

“We produce values”

Our slogan represents the attitude that our company implements in every aspect of the process. Our products are subject to constant innovation, as we want to be sure that we deliver the best so our customers can benefit from cuttingedge medical technology and dental solutions.

Our specialists apply the latest technologies and strategies to enhance ergonomics, upgrade the safety elements, and streamline cleaning and facilitate maintenance. Apart from our hightech products, we also provide excellent aftersales services that include product service and regular maintenance to ensure our customers’ maximum satisfaction.

DIPLOMAT DENTAL s.r.o has continuous success on the international dental market where it offers the ideal connection of development, manufacture and customer service.

# DIPLOMAT DENTAL – BENEFITS

## HYGIENE AND INFECTION CONTROL

All DIPLOMAT units have autoclavable silicone pads, handles and a spittoon bowl. Classic line units offer the customer a simple manual disinfection system to keep the instrument water lines clean.

On all DIPLOMAT units, the polyurethane colour finish provides excellent infection protection and allows easier cleaning and maintenance for users.

## SUPERIOR SOLID MATERIALS USED (SSM)

On all DIPLOMAT units, we use only superior solid materials like aluminum, PUR, and steel. 97% of all parts are painted with a polyurethane colour and that gives the unit the perfect look and very good stability against UV radiation.

## CUSTOMISATION

We at DIPLOMAT are happy to fulfil customers' dreams. We are able to deliver special customer-defined solutions if these are technically possible and comply with the legal regulations. So your dental unit can look exactly as you dream it.

## UNIQUE DESIGN AND COLOR SCHEMES

The upholstery on all DIPLOMAT units is available in 49 different colours. Many of these colours can be applied to the ceramic bowl. Due to advanced PU paint technology, we are able to create different colour schemes as well per the customer's requirements, which together with unique DIPLOMAT awarded designs create a dental unit masterpiece.

## SAFETY

Because we care, all DIPLOMAT units are equipped with safety system switches, which prevent collisions and any possible injury to operating personnel.



Customer satisfaction is viewed as a grounding principle. Our dental units enjoy these extensive benefits:



# CLASSIC

## LINE



**CLASSIC LINE UNITS** with simple, reliable design and up-to-date compact electronics enables users to carry out all standard types of dental treatments. Its light-weight construction, easy cleaning and maintenance, and wide range of handpiece options are among the obvious advantages of these DIPLOMAT models. The hard worker is a great characteristic of the Classic line units, along with their simplicity and reliable delivery for dentists expecting performance over the long-term.

# CLASSIC

DIPLOMAT ADEPT  
DA 170 / DA 130

DIPLOMAT CONSUL  
DC 170 / DC 180

DIPLOMAT ADEPT  
DA 110

# DA 170 / DA 130

DIPLOMAT ADEPT

**„CLASSIC –  
WE SHOULD KNOW“**

## **NEW GENERATION OF STATIONARY UNITS**

New versions of the DA130 (bottom instruments hose delivery) and the DA170 (upper instruments hose delivery) dental units are spittoon-block mounted and allow for vertical chair repositioning. The latest technology for the chair-repositioning mechanism grants effective chair repositioning and provides additional working comfort for the dentist and assistant. The original DIPLOMAT design provides excellent ergonomics and reliability and will surely meet the requirements of the most demanding professionals. The units come together with a programmable chair featuring five programmable positions for two users separately. Both units can be equipped either with a fixed or swivelling spittoon bowl upon request.





PROTECTION +



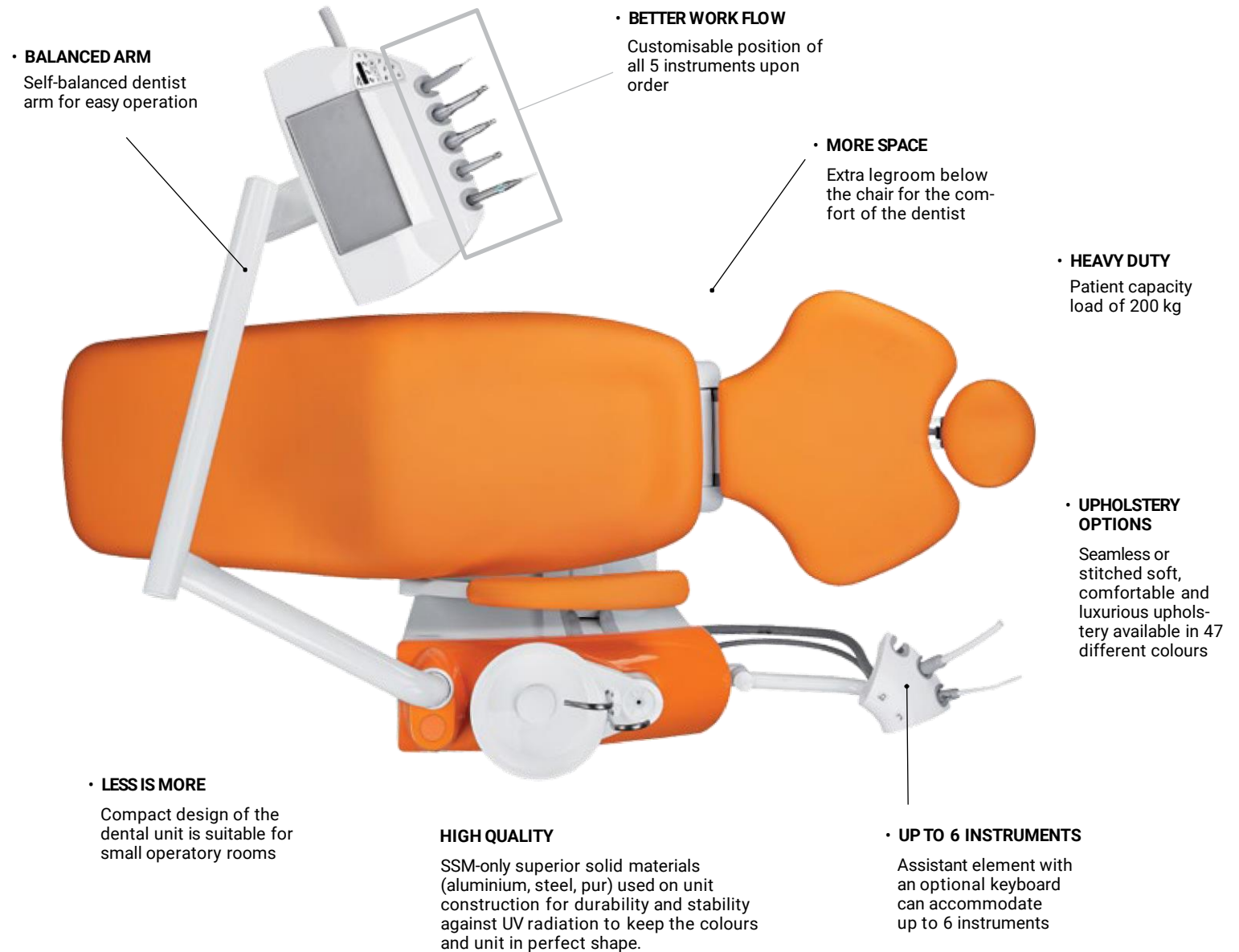
CHILD SEAT +

Protection cushion and child seat available for all DIPLOMAT chairs.



**Assistant's side**

Foil keyboard to control the chair, bowl rising and cup filling available for all classic line units



• **BALANCED ARM**  
Self-balanced dentist arm for easy operation

• **BETTER WORK FLOW**  
Customisable position of all 5 instruments upon order

• **MORE SPACE**  
Extra legroom below the chair for the comfort of the dentist

• **HEAVY DUTY**  
Patient capacity load of 200 kg

• **UPHOLSTERY OPTIONS**  
Seamless or stitched soft, comfortable and luxurious upholstery available in 47 different colours

• **LESS IS MORE**  
Compact design of the dental unit is suitable for small operatory rooms

**HIGH QUALITY**  
SSM-only superior solid materials (aluminium, steel, pur) used on unit construction for durability and stability against UV radiation to keep the colours and unit in perfect shape.

• **UP TO 6 INSTRUMENTS**  
Assistant element with an optional keyboard can accommodate up to 6 instruments



# DC 170 / DC 180

DIPLOMAT CONSUL

**„GO WITH THE  
WORKFLOW“**

## **FUNCTIONAL, RELIABLE AND MODERN**

The DC170 (upper instruments hose delivery) and the DC180 (bottom instruments hose delivery) are both available as chair-mounted versions. Both models can be equipped with up to five instruments on the dentist's element and six on the assistant's side. A simple and reliable design with up-to-date and compact electronics enables the user to carry out all standard types of dental treatment. Its light-weight construction, easy cleaning and maintenance, and wide range of handpiece options are among the obvious advantages of these DIPLOMAT models.



Lower hose delivery table  
available on DC 180 and  
DA 130 models.



Spittoon fixed bowl is available  
on all classic line units:



• **SUPERIOR FINISH**

Durable UV stable infecti-  
on-resistant finish with  
a polyurethane colour

• **EASY NAVIGATION**

5-instrument dentist element  
and intuitive simple foil  
keyboard with display  
for easy navigation

• **COMFORTABLE CHAIR**

Synchronised chair  
movement with integrated  
anti-undress system

• **BEARING FORCE**

235 kg capacity load of  
the chair (unit included)

• **MORE HEADREST OPTIONS**

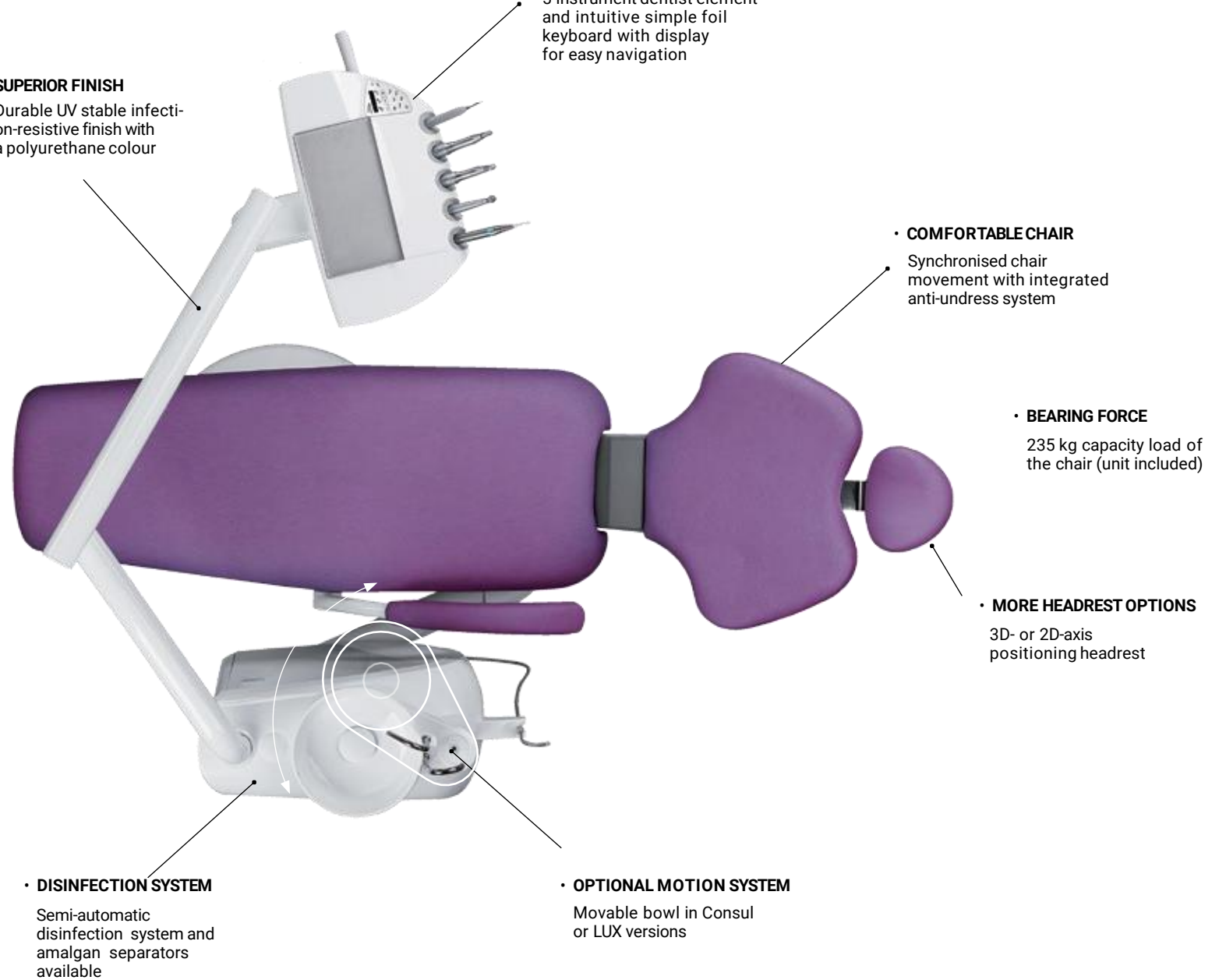
3D- or 2D-axis  
positioning headrest

• **DISINFECTION SYSTEM**

Semi-automatic  
disinfection system and  
amalgam separators  
available

• **OPTIONAL MOTION SYSTEM**

Movable bowl in Consul  
or LUX versions



# DC 170

**ORTHODONTICS**  
DIPLOMAT CONSUL



While performing jaw orthopaedics treatments, the dentist needs a good overview of the control panel and a side table of an appropriate size to have the instruments and materials within reach. Our chair-mounted dental unit DC170 Orthodontics was specifically designed for orthodontic treatments.

# DA110A

DIPLOMAT ADEPT



The DIPLOMAT Adept DA110A dental unit is an upgraded version of the DA110 model. This dental element is designed as stationary and can be equipped with up to five instruments on the dentist's panel with bottom or upper instruments hose delivery system. The dentist's element is mounted on a swivelling and pantographic arm. The dentist can conveniently control all functions using a keyboard on the dentist's element or a foot controller. The unit is supplied with a removable sterilisable spittoon bowl. The X-ray viewer can be installed upon special request. The DA110A: a perfectly reliable and functional dental unit for a reasonable price.

# D10L

DIPLOMAT STOOLS

**“FOR CORRECT  
ERGONOMIC  
POSTURE  
AT WORK”**

Our D10L dental stools and “saddle” stools are designed to provide body comfort for dentists and assistants. The new modified stool construction helps maintain a correct, ergonomic posture also while working with the microscope. Upholstery is available in a wide range of colours, giving our clients the opportunity to create a unique interior in their dental office. All D10L stools can be supplied with a fitted round foot-rest.



# COMPRESSORS

	air tank	efficiency @ 5 bar	max. pressure	power consumption	noise level	measurements	measurements with box
KD 109	9 l	60 l/min	7 bar	930 Watt	70 dB	370x480x360	
KD 109B	9 l	60 l/min	7 bar	930 Watt	58 dB		460x550x430
KD 124	24 l	60 l/min	7 bar	930 Watt	70 dB	450x450x650	
KD 124 B	24 l	60 l/min	7 bar	930 Watt	58 dB		630x770x820
KD 224	24 l	100 l/min	7 bar	1,25 kW	72 dB	450x450x650	
KD 224 B	24 l	100 l/min	7 bar	1,25 kW	62 dB		630x770x820
KD 224 D	24 l	100 l/min	7 bar	1,25 kW	72 dB	450x600x700	
KD 224 DB	24 l	100 l/min	7 bar	1,25 kW	62 dB		630x770x820
KD 124 AB*	24 l	60 l/min	7 bar	930 Watt	58 dB		560x640x1270
KD 224 AB*	24 l	100 l/min	7 bar	1,25 kW	62 dB		560x640x1270



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**DIPLOMAT DENTAL –we produce values**



**MADE FOR DENTISTS**

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