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DIPLOMAT DENTAL SOLUTIONS

Portfolio

Premium Line



Model Pro 700

Model Pro 800

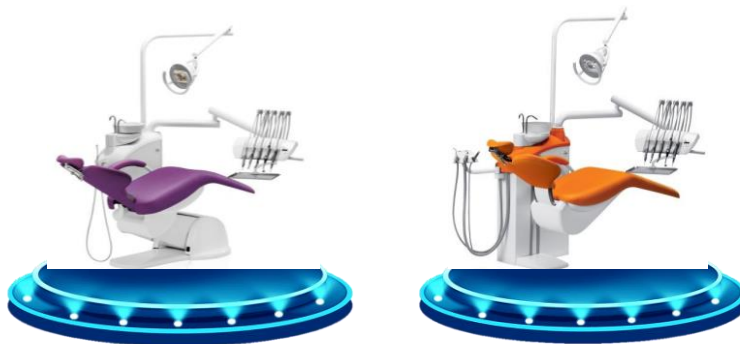
Comfort Line



Model Pro 500

Model Pro 600

Classic Line



Carry version
DC 170 (CS style)
DC 180 (TS style)

Lift version
DA 170 (CS style)
DA 130 (TS style)



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 **DIPLOMAT**
DENTAL
SOLUTIONS

Model Pro

(comfort and
premium line)

*Designed to show dentists'
competence and confidence*



Designed to impress.

The Model Pro Series is carefully designed to bring stunning visuals to your dental office while bringing ease of use to the highest priority.

The design won multiple awards at the most prestigious product design competitions all over the world.



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BIGSEE
PRODUCT DESIGN
AWARD 2021
WINNER





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**Model Pro 500
(carry version)**



**Model Pro 600
(lift version)**



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Model Pro 700
(carry version with 6 instruments)



Model Pro 800
(lift version with 6 instruments)



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Dentist Element



Traditional style (TS)



Continental style (CS)



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Dentist Element



- **Smooth and easy movement.** Thanks to the pneumatic spring in the pantographic arms and rolling bearings on rotary components
- **Stability and firmness.** Vibrations are minimized, being transferred from the chair to the rest of the unit
- **Large Tray.** To ensure ergonomic treatment and easy access to all operating tools. Additional lateral tray as option.
- **6 Instruments** possible only with Model Pro 700-800

Traditional style (TS)



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Dentist Element



- **Smooth and easy movement.** Thanks to the pneumatic spring in the pantographic arms and rolling bearings on rotary components
- **Stability and firmness.** Vibrations are minimized, being transferred from the chair to the rest of the unit
- **No pull back.** Completely new construction of whips and re-balancing of instruments places no strain on your arms and wrists whatsoever – there is no pulling back by your whips.
- **Whip lock (optional).** For even more instruments hose stability
- **6 Instruments** possible only with Model Pro 700-800



Continental style (CS)



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User Interface



- **Operate the unit.** In a easy, intuitive, yet modern way. Save your desired workflow for even better performances
- **Control dental unit's instruments.** The user interface will give you quick access to all instruments settings
- **Flexible and Open solution.** Use the tablet as unique source to access patient's data, x-ray images, photos and increase the treatment acceptance rate.



“Diplomat Connect” App



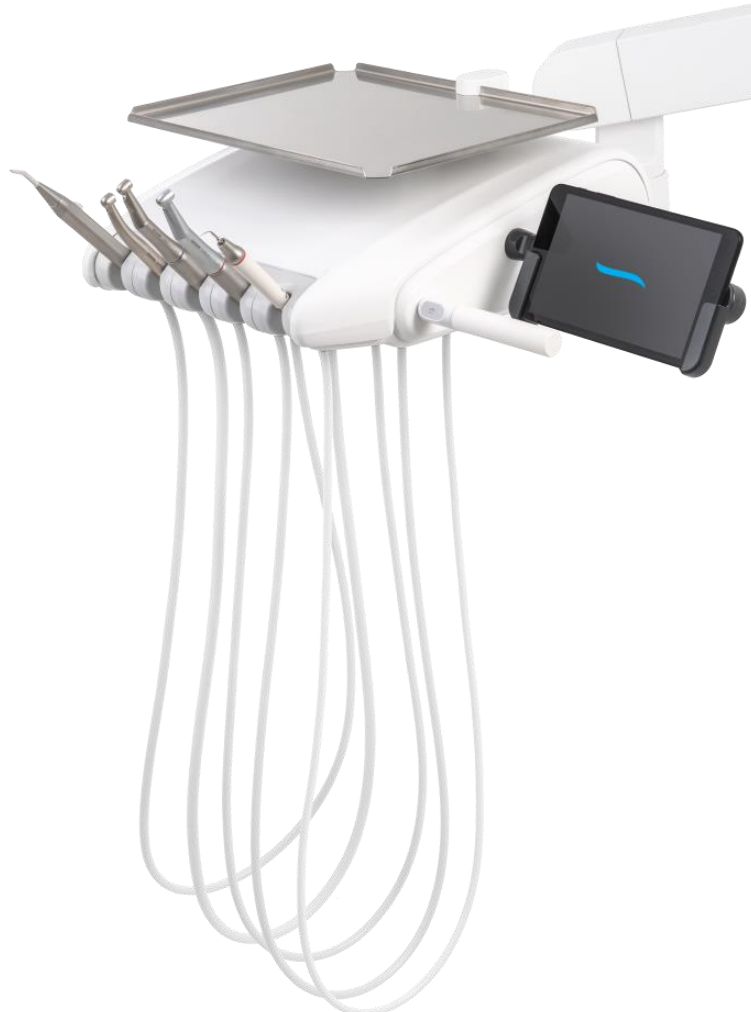
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Instruments



Model Pro 500-600

- Up to 5 Instruments
- max. 4 rotary instruments
- max. 3 turbines
- max. 3 brushless micro-motors
- max. 1 scaler
- max. 1 LED curing light
- max. 1 syringe



Model Pro 700-800

- Up to 6 Instruments
- max. 4 rotary instruments
- max. 3 turbines
- max. 3 brushless micro-motors
- max. 1 scaler
- max. 1 LED curing light
- max. 1 syringe



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Syringes – 7 variations



**MINIMATE STRAIGHT
AND ANGELED 3F**



**MINILIGHT 3F STRAIGHT
OR ANGELED**



**MINILIGHT 6F STRAIGHT,
STRAIGHT WITH LIGHT
OR ANGELED**





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Handpieces



TURBINE

MIDWEST fibre-optic hose. Proportional valve as option.

MICROMOTORS – 5 variations

All micromotors have 3 years of warranty



- ❑ **DENSIM DX:** RPM range 1.000-40.000, LED light, T=3,5Ncm, 1 x LED light White
- ❑ **DENSIM DX BLUE:** : RPM range 1.000-40.000, LED light, T=3,5Ncm, 2 x LED light LED White + LED Blue (composite fillings detection)



- ❑ **DENSIM DX PRO:** RPM range 100-40.000, LED light, T=3,5Ncm, 1 x LED light White, **Torque Control for endo function**
- ❑ **DENSIM DX PRO BLUE:** : RPM range 100-40.000, LED light, T=3,5Ncm, 2 x LED light LED White + LED Blue (composite fillings detection), **Torque Control for endo function**



- ❑ **DENSIM DX SRG** - surgical motor, RPM range 100-40.000, LED light, **T=5,0Ncm** (possible to be installed only position 5 on the dentist element), **Torque Control**



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Scalers – 7 variants



**LM PROPOWER ULTRA
LED**



**EMS FS-433
EMS FS-432 LED and FS-
367 LED**



**NSK VARIOS 170
NSK VARIOS 170 LED**



**WOODPECKER UDS- N3
LED**



**SATELEC SUPEASSON
and XINETIC**



SATELECT NEWTRON



SATELEC NEWTRON LED



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Curing lights – 2 variations



MECTRON STARLIGHT S

Monochromatic LED with a dominant wavelength between 440nm and 465nm

Two different modes:

- Fast: exposure time of 10 seconds at the maximum light intensity
- Slow rise: exposure time 20 seconds with a gradual increase of the light intensity.



MONITEX BlueLEX LD-M1

Light intensity: 1.300 mW/cm²

Three curing modes (in range from 1 to 10 seconds):

- Full Power Mode – Full power for optimal high speed polymerization.
- Ramp-up Mode – Light intensity gradually increases to full power to reduce composite shrinkage during polymerization.
- Pulse Mode – unit switches between high and low power every half second to reduce heat production.

Dentist Element – options overview



- Continental or traditional delivery system
- Removable and sterilizable silicon handle cover
- Silicone pad for instruments in continental version
- Stainless steel tray tables in size of 370 x 290mm
- Electronic cooling water amount adjustment system independent for each instrument
- Heating of cooling water (optional)
- Peristaltic pump in combination with surgical micromotor DX SRG
- Whips lock upon request
- Mechanical or pneumatic arm of the dentist element





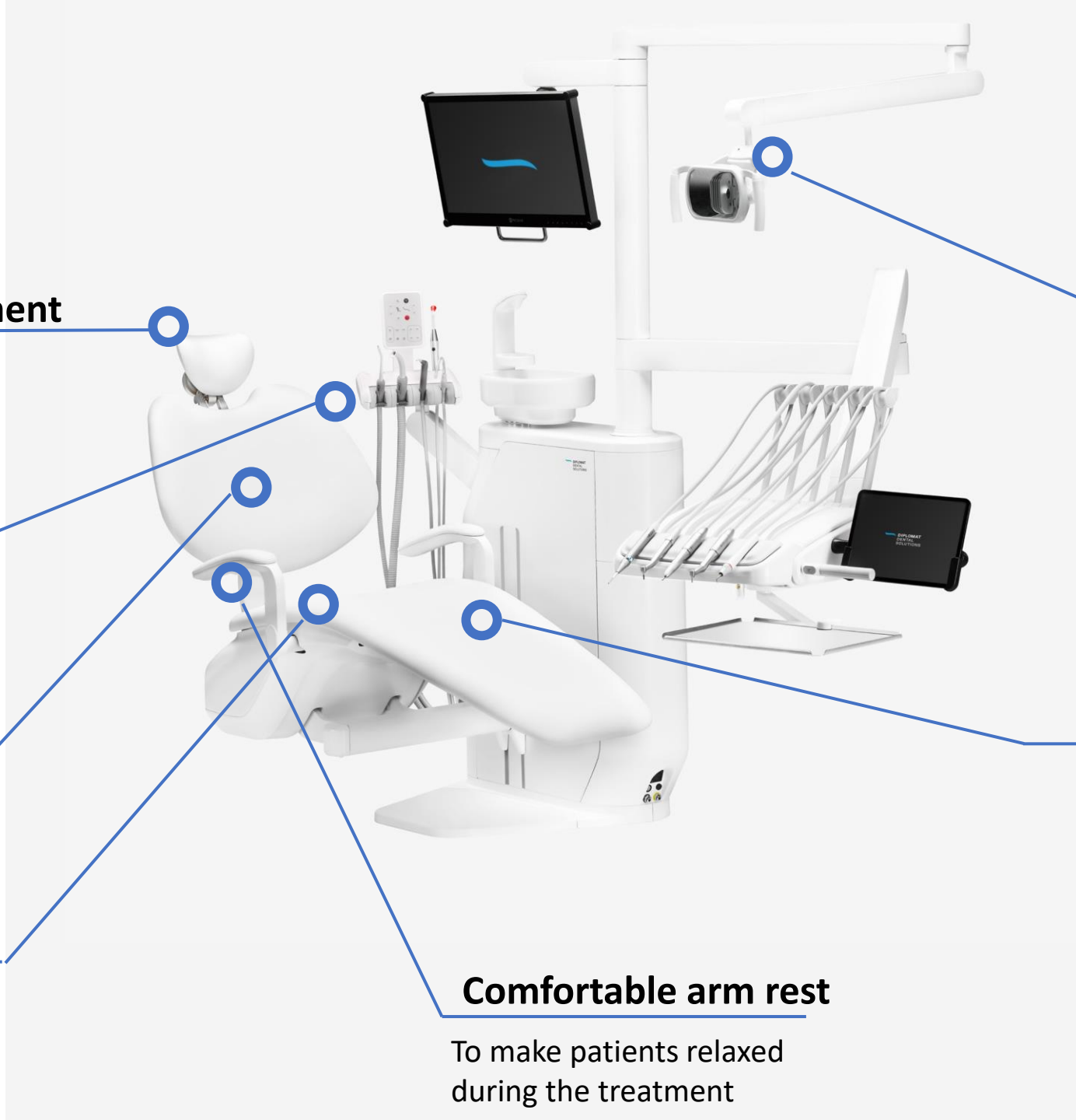
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Patient Chair





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Headrest with 3D movement

Pneumatic or mechanical headrest to adjust patients' head

Flexible AE Position

Assistant Element can be positioned freely for 2 or 4 hands operations

Flat and slim backrest

Allows lateroflexion, i.e. the sideward bending of the patient's head

Trendelenburg position

Offered as a standard feature.

Comfortable arm rest

To make patients relaxed during the treatment

Xenos or Faro MAIA dental lamp

Flexibility and hands free operation thanks to the Operating lights possibilities

Sewn upholstery

With optional memory foam for the maximum patient's comfort



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Easy convertibility.

Conversion from right to left-handed operations in just in 30 seconds.

The features apply to the Model Pro 500 and Model Pro 700.

Lift the seat.

Release the break and rotate.

Switch from
left to right in
30 sec





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Patient Headrest



**2D Mechanical
Headrest**



**3D Mechanical
Headrest**
(for 3D movement)



**3D Pneumatic
Headrest**
(for 3D movement with
pneumatic release)



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Foot Control



UNO
multifunctional (universal)
foot controller



NOK
combined foot controller

Both foot controls are:

- Available in wireless version.
- Supplied from two batteries NiMH 1,2V / 1800-2400 mAh. Battery life is at least 2 month in standard operation.
- Buttons on foot controls can be programmed according to the dentists' needs

CHARGING POSSIBILITIES

The charging is activated by connecting the interconnecting cable between the unit and the foot controller.
The foot controller is fully functional while being charged.



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Assistant Element



Standard pivoting arm



Pantographic arm with keyboard



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Assistant Element

Standard pivoting arm

with x6 position holder and two buttons for cup filling and cuspidor rinsing

Optional pantographic arm with keyboard

With full control panel to operate patient chair, cuspidor and cup filling.

Pantographic arm to ensure even more space for 4 hands treatments

Instruments

- Saliva ejector
- Big and small suction hoses
- Syringe
- Curing light – Mectron Starlight, Monitex
- Intra-oral camera – DIPLOMAT





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Water Unit



**Distilled water
bottle system**
(1,3L capacity
standard feature)



**Easy access to
suction hose
filters**



**Suction hose
decontamination**



**Continuous water
disinfection system**



**Flushing and
intense
disinfection
function**



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Water Unit – extra options



- **Wet suction system**
- **Dürr/Metasys separator**
- **Amalgam separator**
- **Cuspidor motorized rotation**
- **Boiler for water heating**
- **Integrated WEK system (in compliance with EN 1717)**



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Operating lights



XENOS LED LIGHT

- Light Intensity: 8.000 – 26.000 Lux
- color temperature 5500K
- Hands-free operation with sensor



FARO MAIA LED LIGHT

- Light Intensity: 3.000 – 35.000 Lux
- color temperature 5000K
- CRI >90
- Hands-free operation with sensor
- Optional 3D rotation



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Integrations



MEDICAL MONITOR

Two possible sizes:

- 17 inch screen monitor
- 22 inch screen monitor



TRAYS

- Tray tables, inclined or flat, with one or two trays made of stainless steel may be added as an optional accessory to all dental units.

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The Model Pro your way.

Customize the chair's color selection and upholstery according to your taste. With dozens of options to choose from, it is time for your personality to shine.

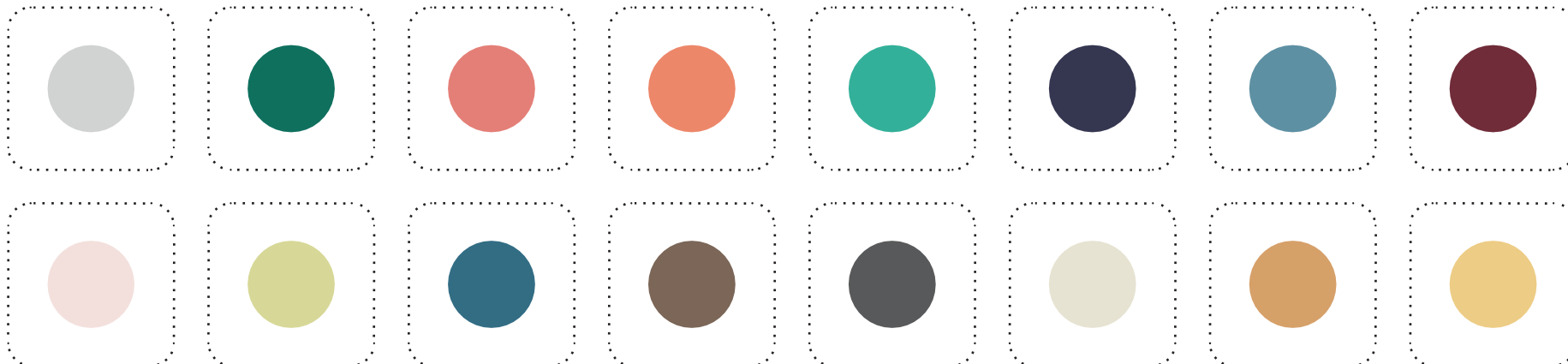
No-sew upholstery

It is never too late to become a hobby interior designer. Choose from up to 49 different colors to complete the interior of your dental office. Your dental office, your decision.

Sewn upholstery with memory foam

With the sewn upholstery option we have added 20 premium colors to choose from. The memory foam in the chair is used to further increase the comfort for your clients.

Few color examples:







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Marketing Materials



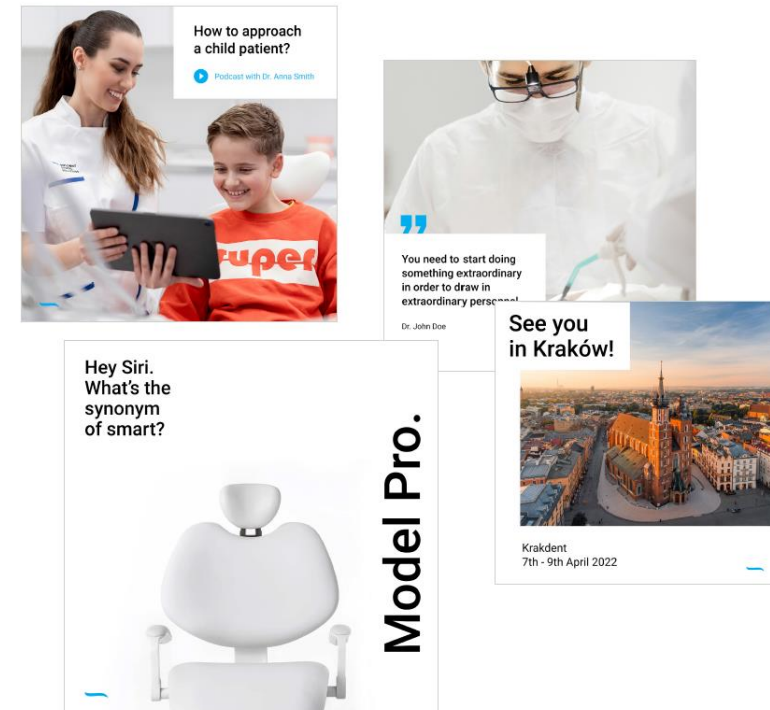
Printed Materials

Catalogues



Online Content

Social Media content
Web blogs





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Marketing event support

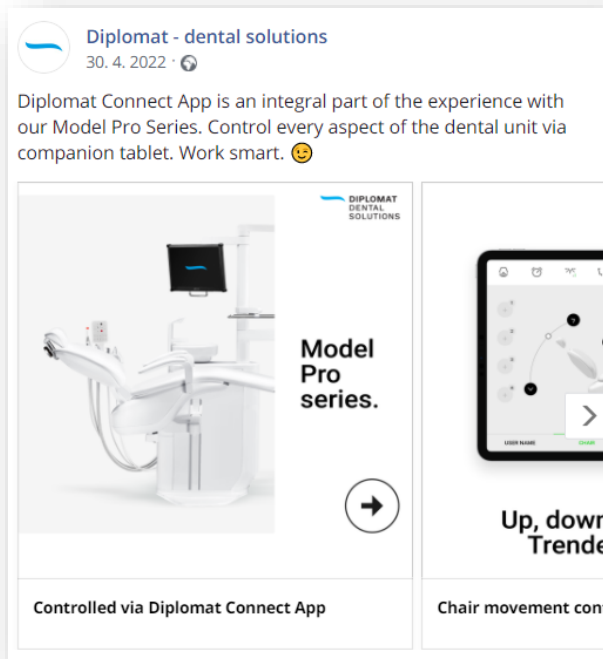


During bigger events, we support our partners with media campaign to build brand awareness of Diplomat Dental.

Social Media

Area PPC Ads

PR and newsletter





Thank
you