

Power Tower Silence – There is strength in quietness



COMPRESSED AIR
SUCTION
IMAGING
DENTAL CARE
HYGIENE

Power Tower Silence – Performance made-to-measure

Power Tower Silence combines compressed air and suction in a single housing.

The compact, quiet supply unit can be installed flexibly in the surgery on a floor space of only 0.3 - 0.4 m². That saves valuable space compared with the installation of single appliances – a big advantage with present-day rental costs. Metal construction and housing meets high aesthetic demands and can be integrated with all interior design styles.



At the top the compressed air, at the bottom the suction

Located at the top is the "heart" of every surgery: The compressor. Compressors from Dürr Dental have been hallmarking the appearances of surgeries worldwide for more than half a century. Thanks to their high performance values, durability and the outstanding high quality of the air generated – oil-free, dry, hygienic – they have a unique position in the market.

At the bottom are the high-quality Dürr Dental suction systems in dry or wet variants. Effective suction is a precondition for a continuous, ergonomic and infection-free treatment. The leading technology from Dürr Dental enabled the treatment of the reclining patient by the seated dentist for the first time back in the 1960's.

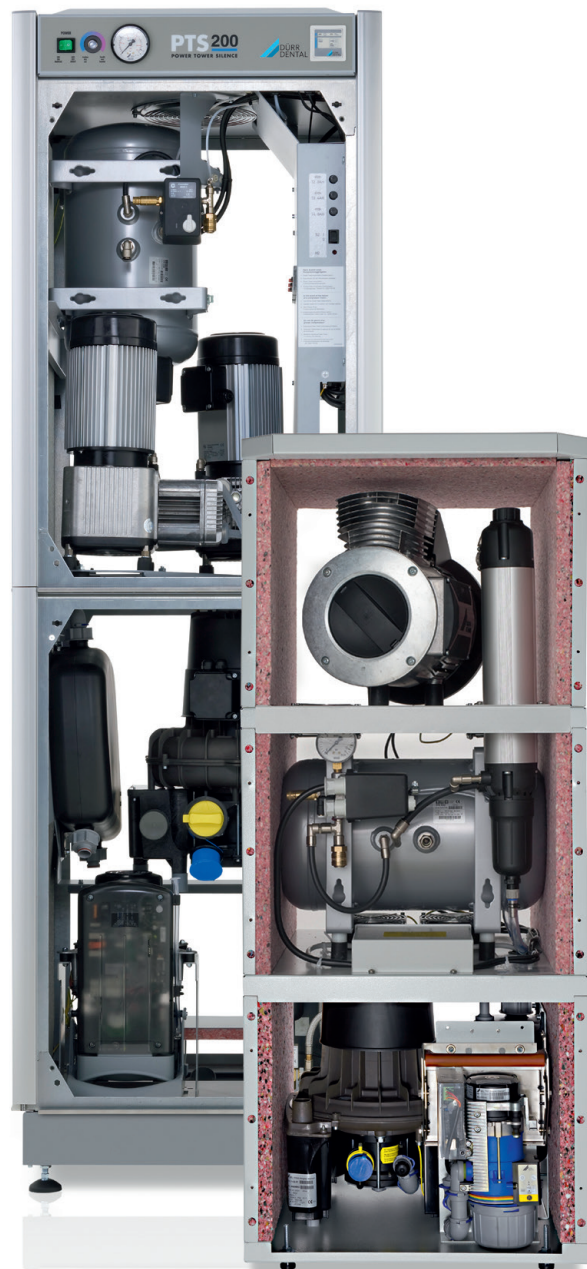
This is what counts:

- Complete surgery supply with a height of 120/205 cm
- Compact footprint of only 0.3 m² (PTS 120) to 0.4 m² (PTS 200)
- With only approx. 54 dB(A), ideal for installations where low noise is a crucial aspect
- Quality "Made in Germany", reliable and low on maintenance
- For elegant integration into the surgery
- Modular structure, with variable configurations

You have the choice: Power Tower Silence wet or dry

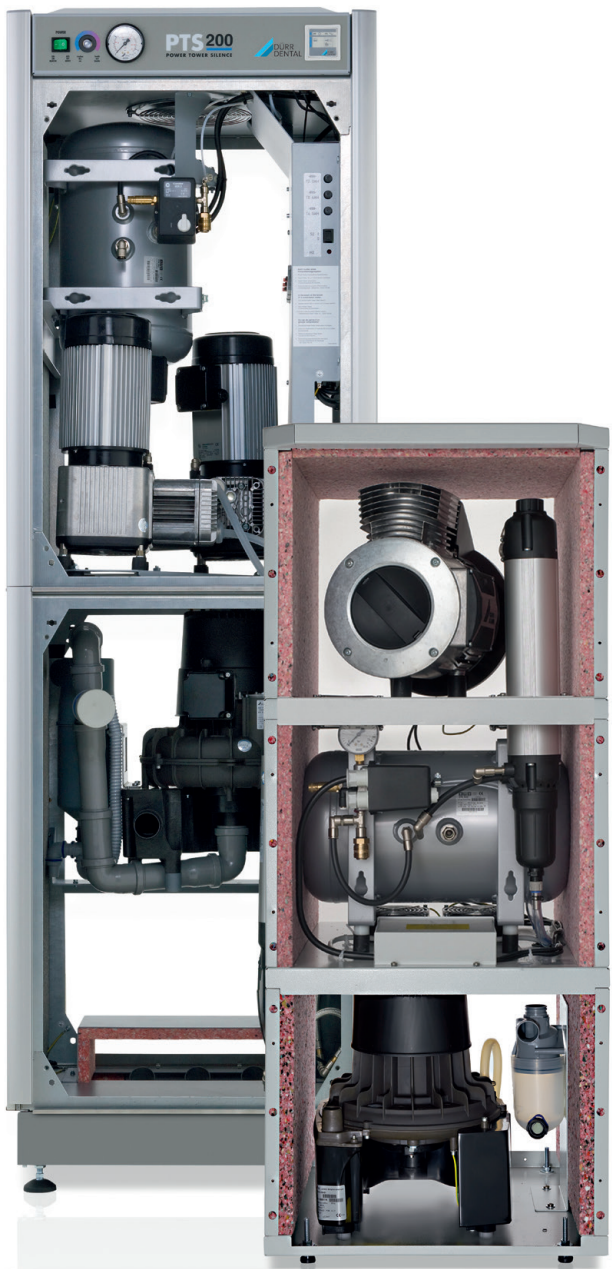
Wet VS suction systems

Our wet suction system has a unique concept: The drive of the suction unit and automatic separator are on a single shaft. "Two-in-one" simplicity. That saves on an additional separation unit.



Dry V suction systems

The following principle applies with the dry suction system: Short transport paths for the removed substances, with separation or precipitation integrated into the treatment unit and dry, clean air paths to the suction unit.



Compressed air and suction combined in one power centre

The Power Tower Silence PTS 120 and PTS 200 can be tailored exactly to the needs of the surgery, with one or two compressor generators. Retrofitting presents no problems.

The Power Tower Silence: Performance made-to-measure

In a Power Tower Silence, compressor generator, compressed air tank, suction unit, membrane-drying unit and, depending on the individual demands, the surgery amalgam separator are combined thermally and physically perfectly into a complete unit.

High-tech in a minimum of space

The Power Tower Silence PTS 120 and PTS 200 offer high-tech in a minimum of space. The VS suction unit, for example, combines two functions in one system: Suction and separation of the removed fluids. Particularly practical: The Power Tower Silence is connected to the supply lines to the treatment unit at one central connection point. This simplifies planning and installation.



The 4,3" colour touch screen enables the monitoring directly at the Power Tower. Thanks to its network compatibility it can be monitored via the PC directly at the reception. All important parameters are constantly under control and should any failure take place they are reported immediately.

Compressed air and suction in a single housing – now with continuous monitoring via Software Tyscor Pulse

- Easy to use with great visualization thanks to a 4.3" colour touch screen
- Continuous monitoring of compressed air and suction systems via PC
- Connection to surgery network via Software Tyscor Pulse
- Volume-optimized thanks to intelligent regulation of compressor generators
- Signals from the amalgam separator are displayed





Hygienically perfect compressed air

Dürr Dental compressors are equipped with a membrane drying system that reduces the moisture content of the compressed air to a pressure dew point below $+5^{\circ}\text{C}$. This protects not only your compressed air-powered instruments against corrosion and damage due to rust particles, but also the tank contents against the growth of germs – and ensures hygienically perfect compressed air for use in the patient's mouth.

Low on maintenance and service-friendly

The compressors are oil-free and hence low on maintenance. The filters in the compressor have to be changed only once a year. All the components installed in the Power Tower Silence are easily accessible and clearly linked together.

State-of-the-art technology

The technology "Made in Germany" is state-of-the-art in durability and performance. Just three examples of many: The compressors are designed for continuous operation, the suction power measured at the large cannula is approx. 300 l/min and the amalgam separation efficiency is above 95%.

Ssshhh

With a noise level of only 54 dB(A), the highly effective soundproofing allows a minimum of operating noise to escape. Thanks to this quiet operation, it can be installed anywhere on the surgery premises.

The technology at a glance

	No. of operators	Suction unit	Amalgam separator	Compressor	2nd aggregate retrofitable	Pressure range (bar)	Delivery rate at 5 bar (l/min)	Noise level [dB(A)]	Voltage (V)	Frequency (Hz)	Dimensions (H x W x D in cm)	Weight (kg)
Dry models												
PTS 120/12	1	V 300 S		Tornado 1	no	6 - 7,8	60	54	230 (1~)	50	120 x 50 x 65	106
PTS 200/21	2	V 600		Duo	no	6 - 7,8	115	50	230 (1~)	50	205 x 64 x 61	249
PTS 200/11	3	V 900 S		Duo	yes	6 - 7,8	115	51	400 (3~)	50	205 x 64 x 61	256
PTS 200/12	3	V 900 S		Duo Tandem	-	6 - 7,8	230	53	400 (3~)	50	205 x 64 x 61	291
PTS 200/13	4	V 1200 S		Duo Tandem	-	6 - 7,8	230	56	400 (3~)	50	205 x 64 x 61	295
Wet models												
PTS 120/02	1	VS 300 S	optional CA 1	Tornado 1	no	6 - 7,8	60	54	230 (1~)	50	120 x 50 x 65	107
PTS 120/04	1	VSA 300 S	integrated	Tornado 1	no	6 - 7,8	60	54	230 (1~)	50	135 x 50 x 65	122
PTS 200/22	2	VS 600	CA 4	Duo	no	6 - 7,8	115	50	230 (1~)	50	205 x 64 x 61	260
PTS 200/33	2	VS 600		Duo	no	6 - 7,8	115	50	230 (1~)	50	205 x 64 x 61	247
PTS 200/01	3	VS 900 S	CA 4	Duo	yes	6 - 7,8	115	51	400 (3~)	50	205 x 64 x 61	267
PTS 200/02	3	VS 900 S	CA 4	Duo Tandem	-	6 - 7,8	230	53	400 (3~)	50	205 x 64 x 61	302
PTS 200/31	3	VS 900 S		Duo	yes	6 - 7,8	115	51	400 (3~)	50	205 x 64 x 61	254
PTS 200/32	3	VS 900 S		Duo Tandem	-	6 - 7,8	230	53	400 (3~)	50	205 x 64 x 61	289
PTS 200/42	4	VS 1200 S	CA 4	Duo Tandem	-	6 - 7,8	230	53	400 (3~)	50	205 x 64 x 61	302