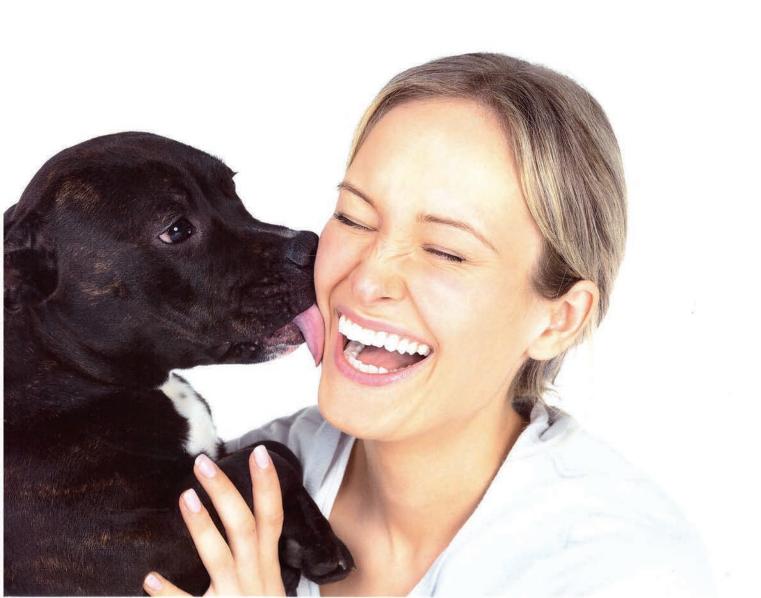


Underwater Treadmill for Dog Physiotherapy



Hydrotherapy with PHYSIG TECH



An underwater treadmill will convince your customers, too

Like humans, dogs suffer from the problems of modern life. Excess weight, incativity and ageing as well as illness, injuries or the adverse effects of breeding can cause them pain when they move.

In water, muscles, tendons, bones and joints are freed from the burden of body weight. Moving can become painless. At the same time, water resistance makes the training much more effective than »on land«. The temperature provides another therapeutic benefit: Warm water relaxes breathing and skeletal muscles, while cool water protects the circulation against overheating.

An underwater treadmill makes training exceptionally safe for the dog. Sudden turns or stops are ruled out. Furthermore, running is a much better option than swimming. It trains precisely those functions that a dog actually needs to move.

As a physiotherapy treatment method, hydrotherapy in the underwater treadmill is therefore the ideal supplement to classic veterinary therapies in the area of orthopaedics and neurology.

»To help dogs, I don't exclusively use my underwater treadmill. But many customers come just to me because I have an underwater treadmill.«

Dr. Cécile-Simone Alexander, TierReha Alexander – Veterinary Practice for Rehabilitation, Zehlendorf, Berlin, Germany





A system of dog hydrotherapy. Discover PHYSIG TECH

Our models

To meet the needs of our customers as accurately as possible, we have developed four different underwater treadmill models.

Our PHYSIOmini works wonders in small spaces.

The larger XXL, COMFORT and PREMIUM underwater treadmills provide a variety of levels of user comfort and treatment options.

Variety of treatments

With just the basic equipment, all of our devices can be used:

- As an underwater treadmill
- As a dry treadmill
- For underwater massages

Basic equipment

All of our devices have the same structure. They consist of two chambers: The water storage tank and the therapy basin. The two chambers are connected by means of a pump system and a filter system. Clean water from the water storage tank is pumped into the therapy basin and is pumped back once treatment has been completed.

On the way, it passes through the filter system, which removes the suspended particles from the water. This means that the water can be reused. However, really dirty water can be discharged straight into the drain.



Easy to operate. The treatment procedure with PHYSIO-TECH

- You fill the storage tank with water from your main water line. If required, heat up the water in the device.
- You hang the rubber mat over the door and fold the door down to the floor.
 A wide access ramp is provided for the dog. The non-slip rubber mat ensures safe support.
- You use the eccentric locks to close the door and make it watertight.
 Then, you pump the water from the storage tank into the therapy basin the quantity is based on the intended treatment and the constitution of the animal.
- Use the remote control to slowly set the treadmill in motion.
 Your speed control is continuously adjustable to ensure it is appropriate for the health and condition of your individual patient. The dog begins to run.
- Once the training session is complete, you pump the water back from the therapy basin to the storage tank. When you do that, the water is passed through the internal filter and cleaned.

 That means it can be used again for the next treatment.

 You doy the dog in the empty therapy basin. Your rooms stay dry.





PHYSIG TECH

Special features. The equipment of our device

»... the underwater massage (stimulates) blood circulation, changes muscle tension and makes the dog more conscious of its body.«

Traute Schmidt / Yvonne Müller: Therapie auf dem Unterwosserlaufband für Hunde. Ein Praxisbuch mit theoretischem Hintergrund (Therapy on the underwater treadmill for dogs. A practical book with a theoretical background, available in German only), page 23



Clear blockages

The underwater massage

The underwater massage and its powerful adjustable water jet lets you relax and loosen your patient's muscles. While you do so, your room is kept protected from splash water.

Comes as standard in all models.



Gentle on the back

The treadmill elevation and extractable steps

The elevation of the treadmill and extactable steps make sure that the therapy is gentle on the back of the therapist. Even when you want to help a small or large dog with guided movements during a training session the dog is easily accessible for you.

Comes as standard in our larger models.



Identifying problems

The treadmill reverse

A prerequisite for effective therapy is that movement problems are properly identified. To let you observe the gait of your patient from all sides, you can have the dog walk in both directions by changing the direction on the treadmill.

Comes as standard in all models.





Running on a slope

The treadmill inclination

You can adjust the treadmill inclination to simulate training on a slope. That enhances your therapeutic options.

Uphill

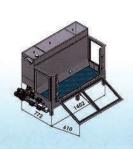
- Cardiovascular training
- Stretching the hind legs
- Extending the range of motion in the hip joint

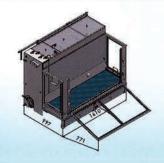
Downhill

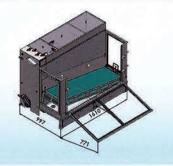
- Stretching the front legs
- Rehabilitation of shoulders and elbows

Comes as standard in our larger models.

Our underwater treadmill models







PHYSIOmini

XXL

COMFORT

Especially small, especially light, especially good value – with an impressive range of functions

Perfect relief can be provided for sizes up to an Alsation, partial relief for anything bigger

Thanks to its compact size, the treadmill elevation and steps are not required – the dog is easy to reach even for guided movements

Ideal for all breeds and sizes of dogs. Including treadmill inclination

The treadmill elevation and steps ensure that guided movements are also possible – and are gentle on the back of the therapist

Ideal ...

- for starting off in dog hydrotherapy
- when there is little space, even in apartments
- as a backup device
- for dog breeders

The treadmill inclination allows you to provide uphill and downhill training

The elevation and inclination settings are set up in a few steps before the session starts

The seamless treadmill inclination allows you to provide uphill and downhill training

The treadmill moves to the inclination setting automatically during the session.

Convenient for the operator and gentle on the patient

The semi-automatic treadmill elevation can be configured in one step during the session

Features: Remote control, folding door, automatic heating system, pump, treadmill reverse, internal water filter, underwater massage Features: Remote control, folding door, automatic heating system, pump, treadmill reverse, internal water filter, manual treadmill elevation (1 level), extractable steps, manual treadmill inclination (1 level), underwater massage

Features: Remote control, folding door, automatic heating system, pump, treadmill reverse, internal water filter, semi-automatic treadmill elevation (1 level), extractable steps, automatic seamless treadmill inclination, underwater massage

Optional: External aquarium filter with UV lamp

r tethers

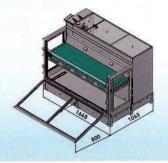
Optional: External aquarium filter with UV lamp or external swimming pool filter

Extras: Counterflow system, frame for tethers with harness

Extras: Counterflow system, frame for tethers with harness, AquaSOFT software







PREMIUM

Forget what you have heard up to now: Our **PREMIUM** model is really unique.

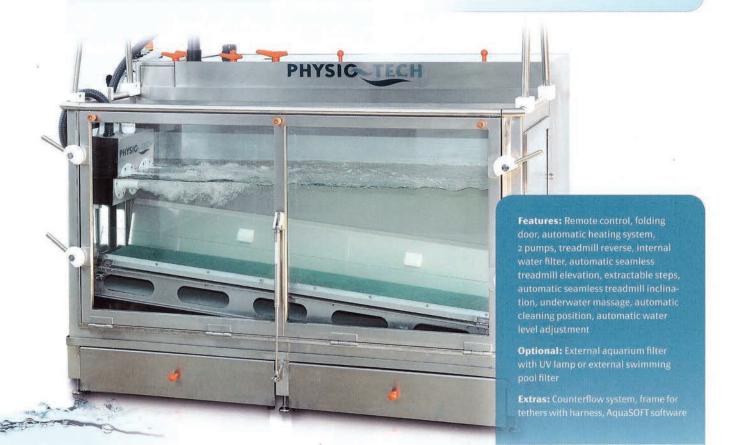
Technically speaking, it represents a new generation of underwater treadmills.

It offers a near limitless range of therapeutic options with maximum user comfort.

»No other Underwater Treadmill gives as many treatment options.«

Graham Cooper, Splash Paws, Staplehurst Former Director of Canine Hydrotherapy Association, Great Britain

- Perfect relief for dogs of all sizes
- Automatic seamless treadmill elevation: from 27 to 77 cm (11"-30") above the floor
- Automatic seamless treadmill inclination: from o to 15 % incline
- Change the incline and height during the session
- Seamless inclination at every treadmill height
- Adjust the water level with the push of a button
- Move to cleaning position with the push of a button



FEATURES

MODELS

	PHYSIOmini	XXL	COMFORT	PREMIUM
Remote control	✓	✓	~	*
Folding door with rubber mat	✓.	~	€	*
Automatic heating system	✓	✓	✓	*
Pump	✓	¥	*	€
Treadmill reverse	1	~	¥	*
Seamless treadmill speed controller	✓	✓	¥.	1
Treadmill elevation	5	· manual · one level	· semi-automatic · one level	· automatic · seamless 27–77 cm (11"–30")
Extractable steps	:=1	×	✓	~
Treadmill inclination	- H	· manual · one level	· automatic · seamless 0–15%	- automatic - seamless 0–15%
Underwater massage	*	*	*	*
Cleaning position	manual	manual	semi-automatic	automatic
Internal water filter	✓	1	✓	*
External water filter				
Aquarium filter with UV lamp	optional	optional	optional	optional
Swimming pool filter	.7	optional	optional	optional
Counterflow system				
Single nozzle	extra	extra	extra	extra
Double nozzle	#X	extra	extra	extra
Frame for tethers with harness	extra	extra	extra	extra
AquaSOFT software, fully installed on laptop	+	extra	extra	extra

You select the options when buying the device. The extras can be fitted later at any time.



For effortless operation of the device

Provides the dog with a stress-free and non-slip entrance and exit route

For optimum water temperature control

Lets you circulate water from the storage tank to the therapy basin and back again. Dirty water can be disposed of in your drainage system

For observing the gait pattern of the animal from both sides. In combination with treadmill inclination an uphill or downhill run is possible

Adapted to the health of the patient

Gentle on the therapist's back when helping small dogs with guided movements during training sessions

Makes the dog easier to reach for guided movements

Beneficial for specific movement problems. For healthy dogs, the effectiveness of training is increased

With a powerful adjustable water jet for relaxing tense muscles. The practice rooms are kept dry

For a thorough clean of the device

Filters hair and coarse impurities from the water during recirculation

Removes small particles and has a sterilising effect when combined with the UV lamp

High filter performance. Reduces water consumption

Lets you use the device as a pool

Increases the effectiveness of running training. Adjustable height and intensity

For increased effectiveness, air from a Venturi nozzle can be mixed in with the water jet

For improving the mobility of dogs with limited movement due to paralysed limbs, for example

Displays the running training session data. The data can be displayed in a graph, saved and printed out



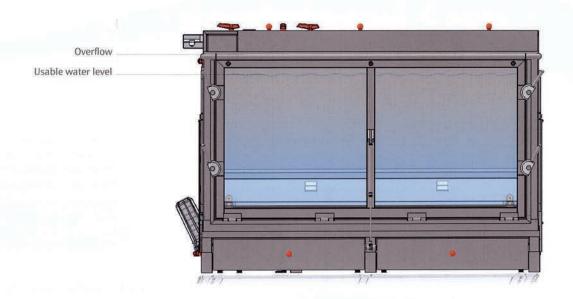
Technical data

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Empty weight
Weight at maximum water level
Maximum water quantity
Water level above the treadmill
Maximum
Usable
Usable running surface
Treadmill speed
Drive motor load
Treadmill height above ground
Home position
Elevation
Slope with inclination adjustment
Pumping time (for 40 cm)
Pump performance
Heating system temperature
Heating system capacity
Supply voltage

PHYSIOmini	XXL	COMFORT	PREMIUM
230 kg	315 kg	320 kg	552 kg
600 kg	945 kg	960 kg	1242 kg
370 1	630 1	6401	6901
64 cm (25") 59 cm (23")	74 cm (29") 69 cm (27")	72 cm (28") 67 cm (26")	74 cm (29") 69 cm (27")
128×35 cm (50"×14")	145×43 cm (57"×17")	148×43 cm (58"×17")	150×43 cm (59"×17")
0,3 - 3,4 km/h	o,3 - 3,4 km/h	o,3 - 5,4 km/h	0,3 - 5,4 km/h
370 W	370 W	370 W	370 W
24 cm (9") -	28 cm (11") 45 cm (18")	30 cm (12") 51 cm (20")	min. 27 cm (11") max. 77 cm (30")
5 0 1	15 %	0-15 %	0-15 %
40 sec.	75 sec.	75 sec.	6o sec.
650 W	800 W	800 W	2 × 650 W
25−36 °C	25−36 °C	25-36 °C	25−36 °C
3 kW	3 kW	3 kW	3 kW
230 V / 16 A (No high-voltage current)			





Installation requirements

Can be taken apart for transportation

Our device can be taken apart and transported through standard doors and stairwells with ease.

Low empty weight

The permitted floor load in standard spaces is not exceeded.

Minimum space requirements

The device including the switch cabinet can be installed on a surface of 2 m \times 2 m.

No extra space is needed for the water tank or switch cabinet.

No high-voltage current

A standard supply voltage of 230 V, 16 A is sufficient.

We recommend a separate electric circuit – like a washing machine.

Even when space is an issue...

... our device can usually be installed. We are happy to prepare a proposal for you for how our underwater treadmill can be deployed in your practice.



Enhance your range of therapies. Our extras



»After a back operation, one of my patients had nearly all of its weight on its frant legs. The treatment in the underwater treadmill led to a fast and lasting improvement.«

Dorothee Krist, Practice for Dog Physiotherapy, Aqua Training and Osteopathy, Langenhagen, Germany

Frame for tethers with harness

The frame for tethers with harness is ideal for dogs with limited mobility – due to paralysed limbs, for instance.

The dog is connected to the frame for tethers using a harness system, ensuring the dog is held securely during the training session.

Regular training in the underwater treadmill can help the dog to become more and more mobile.

AquaSOFT

Our software enhances your underwater treadmill by allowing you to record therapy data such as:

- The running speed
- The distance covered
- The running session duration

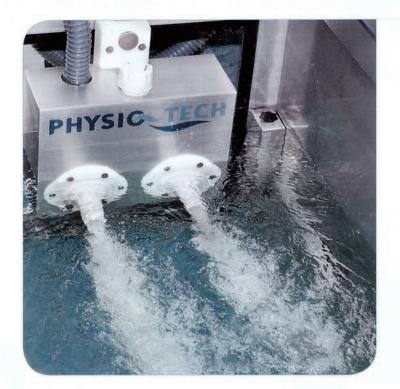
The overview of data from previous sessions shows the progress made during the therapy and allows you to build on it sensibly.

The data can be displayed in a graph and printed out. As a result, your customers can also track the success of the therapy.









Counterflow system

You can adjust the intensity and height of the water jet. Our system also has a Venturi nozzle based on swimming pool technology for humans.

It can mix air in with the water jet.

Different levels of power can be chosen.

This intensifies the counterflow.

We offer a single nozzle and – especially for our larger models – a double nozzle.

The counterflow system changes the underwater treadmill into a swimming pool. It allows the dog to swim on the spot.

If you use it while the dog is running, the counterflow makes the training more challenging. Good for sporting and working dogs, for instance.





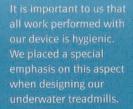
You can order accessories, maintenance and cleaning products as well as other items for the underwater treadmill directly from us.

www.physio-tech.com





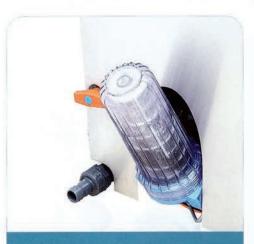
Hygiene





Cleaning position

You can set all our models into a special cleaning position with ease, where all of the parts of the underwater treadmill are easy to reach so that they can be cleaned thoroughly.



Water quality

Naturally, the same water is used several times in our devices. That is both economical and environmentally friendly.

Internal water filter

As standard, all our models come equipped with an internal filter that filters out hair and doggy treats while the water is recirculated.

External water filter

To keep the water clear, an external microfilter is also required. We offer a choice of two systems.

- Aquarium filter with UV lamp Bacterial cultures break down the organic components in the water. By combining them with the UV lamp, the water is also sterilised.
- Swimming pool filter The high performance filter ensures that the smallest dirt particles are filtered out, reducing the amount of water consumed. The filter can be backflushed automatically. Water additives are needed for sterilisation.



About us



Over 15 years of experience

In 1998, Dipl. Ing. Günter Michl developed his first underwater treadmill for his own dog, the retriever cross, Pongo.

In 2002, he founded the company PHYSIO-TECH (PHYSIO-TECH GmbH as of 2010). Since then, we have been designing and producing underwater treadmills for professional canine hydrotherapy in our factory in Kiel, Germany.



Product quality

We use only high quality materials: stainless steel, high-strength plastic and safety glass. That lets us ensure our devices are highly resilient with a long service life.

Our devices are further developed on an ongoing basis so that they are always at the cutting edge of technology. We therefore consider all of the figures and specifications for our products as subject to technologically driven improvements.



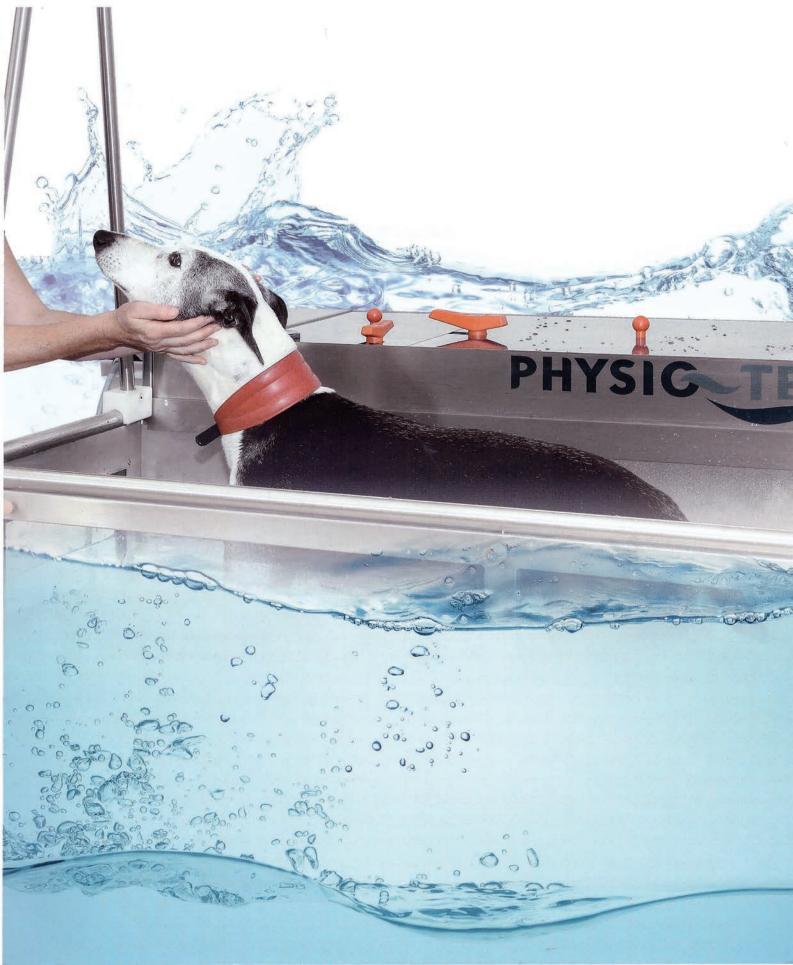
Warranty and service

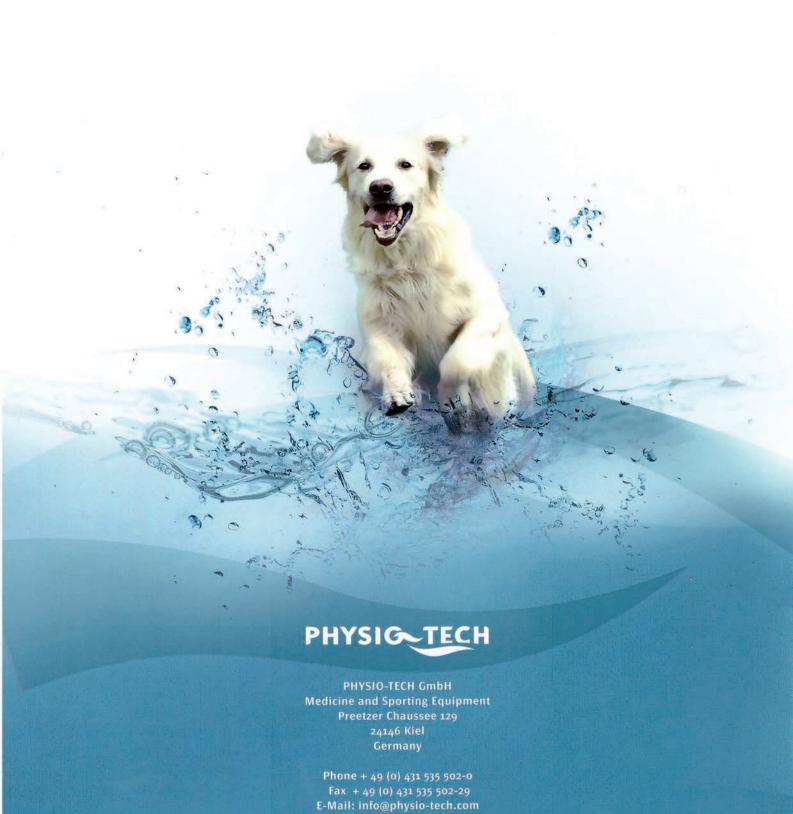
As well as the legally stipulated warranty period of 2 years, we offer a 12-month functional guarantee for our underwater treadmills within the EU, starting from the delivery date (excluding wear parts).

Once the warranty period has passed, we offer our customers a worldwide maintenance and repairs service with customer-friendly terms.









www.physio-tech.com