

**BINDER**

**HydroStar**<sup>®</sup>  
Die Turbinenschwimmanlage

The **premier class**  
for your pool ...

ENDURANCE TRAINING FOR

PROFESSIONALS



HydroStar BGA 600 and BGA 1200

BINDER HYDROSTAR

[binder24.com/en](http://binder24.com/en)

# Are you looking for a challenge? **HydroStar** pushes you to your limits.



Anyone wanting to win has to give it their all!

HydroStar is the perfect tool to prepare for your competition, since our counterflow system trains you simultaneously for power, technique and endurance. You can also use the BINDER24 app to create customised training plans. Ideal conditions for emerging victorious!

## Innovative technique

Nature is the model for HydroStar. The patented turbine technology generates a wide surface current and undercurrent that flow evenly around the swimmer.

Unlike pump-operated systems, HydroStar comes with a standard household 230 V connection and is very energy efficient.



optimal swim training



natural counter flow



easy to retrofit



energy efficient operation



low noise & vibration

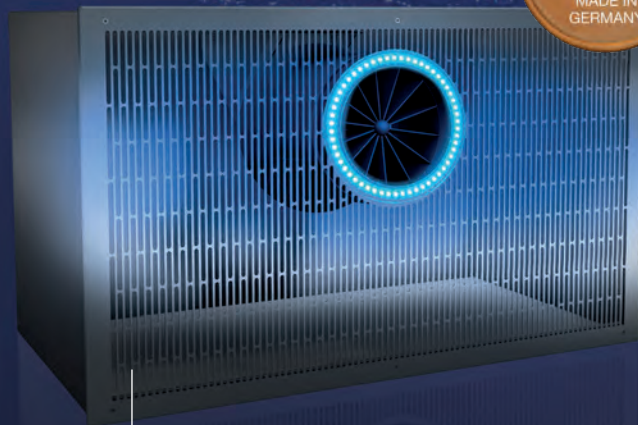


maintenance-free turbine

## The benchmark of all things

HydroStar BGA 600 is our largest single turbine with a flow rate of 600 m<sup>3</sup>/h. For anyone looking for an even more intensive challenge, we also offer this turbine as a twin unit with a flow rate of 1200 m<sup>3</sup>/h.

**The most powerful counter-current system on the market!**



### FIXED INSTALLATION / WALL MOUNTING

Ideal for new-build pools



### RETROFITTING / DROP-IN VARIANT

Installed in no time at all

## What does 600 m<sup>3</sup>/h mean?

HydroStar moves 600 m<sup>3</sup> of water in one hour. A pool measuring 3 x 6 x 1.5 metres has a volume of 27 m<sup>3</sup>. At full capacity, all the water flows through the turbine once every 2 minutes and 30 seconds. Circulation pumps need approx. 6 – 8 hours for this amount of water!

## MORE of everything!

The powerful professional units are equipped with the **BINDER +System**. Operation is child's play via remote control or app.

### BINDER24-app

Convenient control via smartphone or tablet

### Remote control

Simple operation



### LED light ring

Great atmosphere thanks to interactive light control



### BOB

Flow rate at a glance

## Here's what distinguishes these **turbine swimming systems** from the rest of our product portfolio:

The outlet opening of the BGA 600 has a diameter of 25 cm. Our BGA 160 and 215 turbines have an outlet opening of 15 cm, while the BGA 275 has an outlet opening of 18 cm.

The current is much wider due to the larger outflow opening and surrounds the body of the swimmer even better. Although the current is stronger, it feels softer.

Localised pressure created by conventional counterflow systems



Broad and even surface current and undercurrent thanks to HydroStar

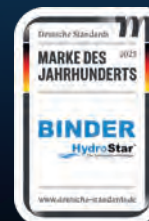
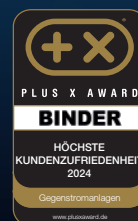


Type	BGA 600	BGA 1200
Supply voltage [V]	230	230
Frequency range [Hz]	47 – 63	47 – 63
Rated current [A]	16	2 x 16
Rated power [W]	3400	6800

Motor type	1 piece	2 pieces
Rated voltage [V]	24	24
Rated current [A]	110	2 x 110
Rated speed [min <sup>-1</sup> ]	1200	1200
Flow capacity [m <sup>3</sup> /h]	160 – 600	320 – 1200
Speed [m/s]	1.2 – 3.2	1.0 – 3.2
Water temperature [°C]	+5 – +40	+5 – +40



We grant a 3-year guarantee, which you can extend by 4 years to a total of 7 years!



# BINDER

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Your contract partner

