

For Olympic pools and adventure parks.

# The proliner navi3.



*mariner* 

Cleanliness. Service. Outstanding quality.

When this filter  
is half empty  
others have  
already had to be  
changed.



## The world's largest filter surface on the market.

Cleaning efficiency is a top priority when we develop our pool robots. Thanks to the (compared to other products) enormous filter power of our devices, we are the best at it.



Up to 6 m<sup>2</sup>  
total filter  
surface

Designed filter of the  
proliner navi3. 6 of these are  
placed inside the filter box.

The proliner navi3.

**Leaves behind**  
**nothing but pure**  
**cleanliness.**  
**Fully-automatic**  
**and powerful!**

The proliner navi3 pool robot cleans effectively lane by lane thanks to its rotating brushes and patented drive program. It is perfect for pools with a surface area of up to 400 m<sup>2</sup> and is designed for hard, daily use and a long service life.

## Added value is worth more.

### More filter.

The greater the filter surface, the greater the amount of dirt that can be filtered. The 6 lamella filter cartridges have an impressive filter surface of up to 6 m<sup>2</sup>. Only the proliner navi3 offers this cleaning advantage and it's one that you will see and adore!

### More comfort.

Thanks to its robust transport trolley with integrated cable drum, the proliner navi3 is also easily manoeuvrable on land and can be neatly stored away when it is not in use.



### More performance.

The produced vacuum of up to 20 kg and the scrubbing of the brushes create a cleaning effect that leaves clear lanes behind it. The additional corner brushes remove dirt from the side edges and corners.

# Your benefits at a glance:

## Immersion function

- Makes it easier to drive out of the pool
- Preserves the device cable

## Automatic and sensors

- Comprehensive lane-by-lane cleaning with its patented N and H drive patterns
- Lane monitoring with sensors
- Pool cleaning – from wall to wall or in a particular area
- Reliable bypassing of obstacles
- Switch-over before built-in diving areas
- Immediate or delayed cleaning start available
- Automatic switch-off

## Brushes

- Fast-rotating brushes at the front and back dislodge dirt
- 4 corner brushes loosen dirt along walls and ledges

## Filter box

- Easy to remove and reusable
- Lots of space for dirt storage and easy to clean
- Good for hygiene: avoids hand contact with dirt

## Lamella filter

- 6 lamella filter cartridges relieve pressure on the stationary filter system thanks to the world's largest filter surface
- Filters out large and fine dirt
- Filter material is easy to clean and very hygienic – as proven by investigations conducted by the University of Applied Sciences and Arts Northwestern Switzerland, Institute for Chemistry and Bioanalytics
- Sustainable thanks to a longer service life
- Perfect for daily use

## Manual operation

- Immediate reaction to drive commands – for precise navigation
- 3 drive speeds for slow or quick cleaning

## Materials

- Robust and effective drive motors from the aerospace industry in brushless technology
- Powerful pumps of our own manufacture
- High-quality plastic for a long service life

## Cleaning efficiency

- Sophisticated hydraulics optimised together with ETH Zurich: stronger vacuum, perfect cleaning track, dirt does not stir up around the device
- Sucks up and filters out coarse dirt, stones, as well as fine, invisible particles
- Water is passed through the pump after filtering and so protects the pump from damage

## Safety

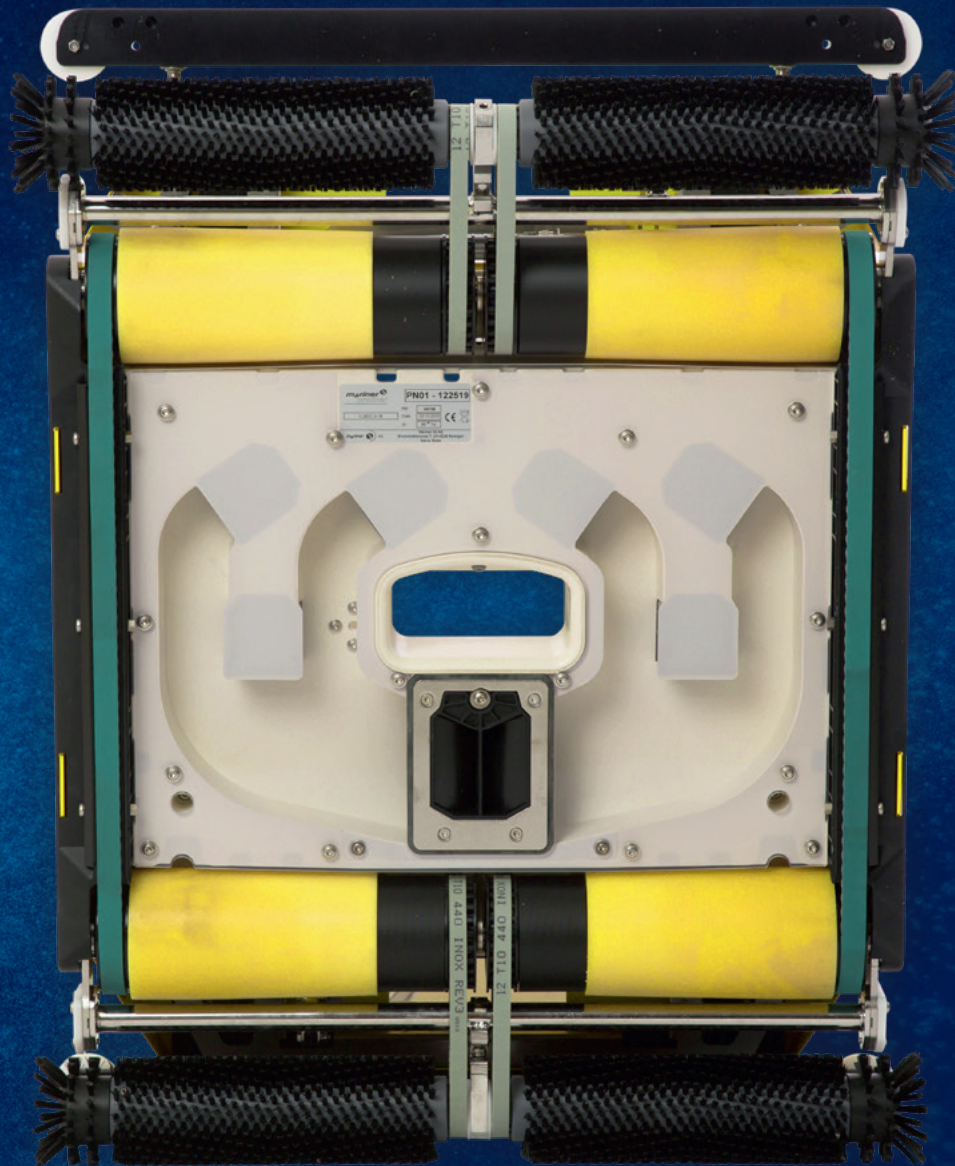
- Devices are checked for compliance with EU standards by independent companies
- State-of-the-art technology and design
- Personal safety extra-low voltage < 30 V DC

## Transport trolley with cable drum

- Transport trolley made of aluminium for comfortable and simple handling
- Clean storage of floating cable and power cable

**2 years**  
**guarantee**

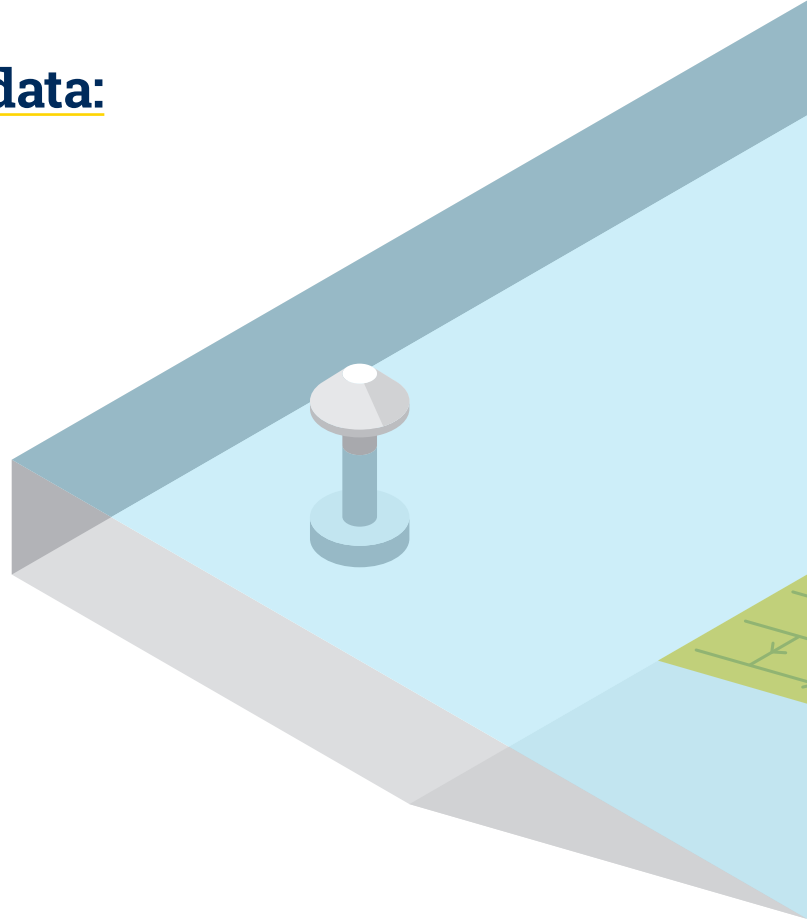
 **SWISS**  
**QUALITY**



**Cleanliness and  
indisputable good  
quality is worth it.  
Always!**

We know that we don't have the cheapest products. But we do know that our products are the best on the market and that your investment will be worth it. We can promise you that.

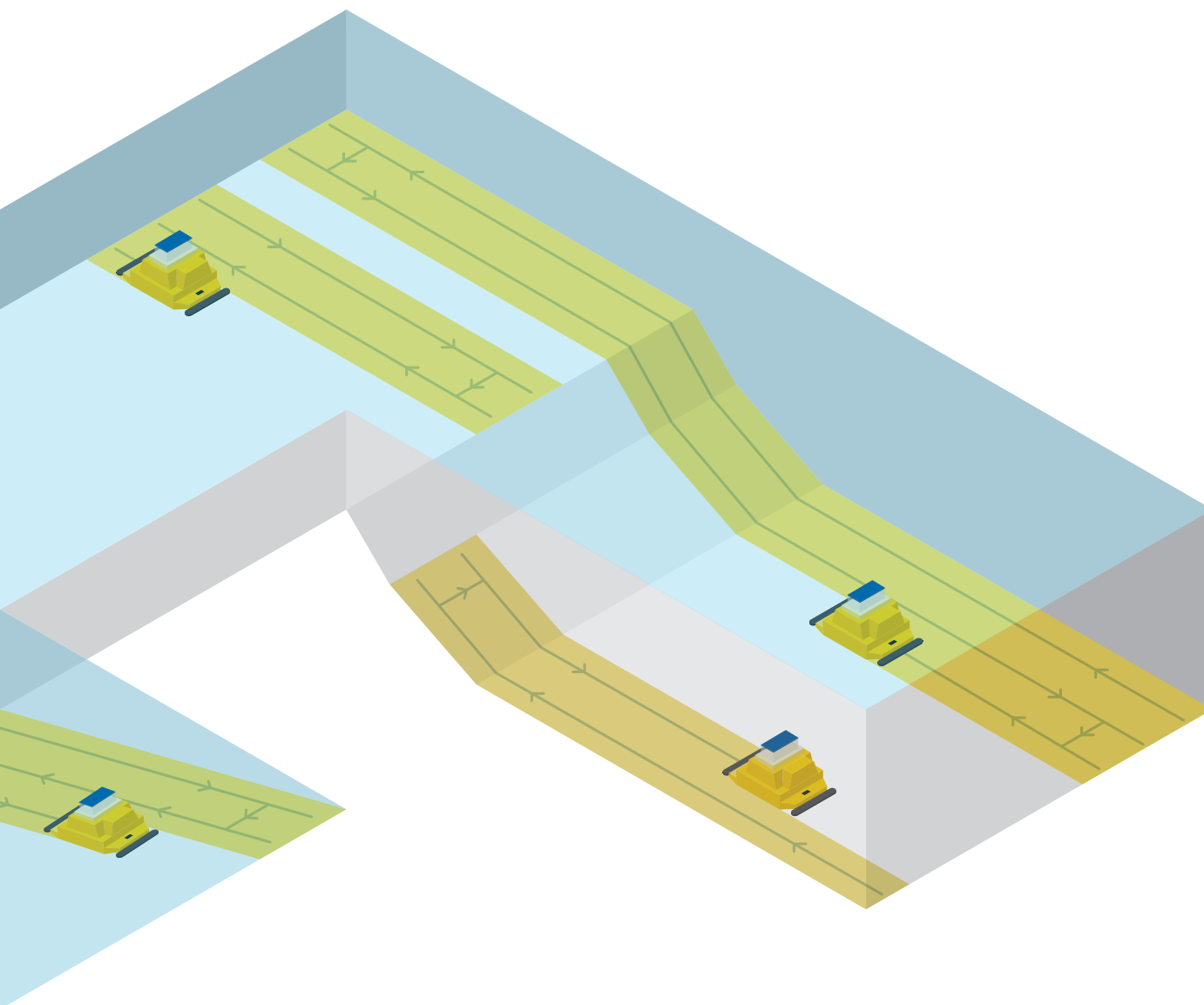
## Automatic and technical data:



### Automatic

Switch-over upon contact with the wall		Immersion mechanism	
Switch-over without wall contact		Adjustment of the start time	
Section cleaning		Switch-off	
Switch-over on inclines		Maximum cleaning time	
Switch-over at inclines		Drive pattern N, H and X	
Switch-over for beach pools		Usable in all pool types	
Bypassing of obstacles			





### Weight/dimensions

Transport trolley with cable	62 kg
Base device	43 kg
Total net weight	105 kg
Dimensions of robot on trolley (L x W x H)	106 x 78 x 115 cm
Dimensions of robot (L x W x H)	83 x 61 x 52 cm

### Electrical connection

Supply voltage	100-120/200-240 V AC (~)
Frequency	50/60 Hz
Current consumption	6-4 A
Nominal output	0.5 kW
Power cable length	10/20 m

### Control

Manual operation	Wireless, radio remote control
Emergency operation	Control panel keypad
Radio frequency	868/433 MHz

### Device data

Operating voltage	24 V DC (=)
Current	16 A
Input power	0.45 kW
Protection type	IP68
Protection class	III
Device width	610 mm
Cleaning width	up to 700 mm
Pump capacity	850 L/min
6 lamella filters, grade	50/100/130 µm
Floating cable length	30/40/50 m
Drive speeds	7.5-18 m/min

### Environment properties

Minimum water depth	20-30 cm (depending on features)
Water temperature	10-40 °C
Maximum water depth	10 m (8-10 m with restrictions)

**Cleaning robot  
proliner navi3**



**Transport trolley  
with cable drum and  
remote control**



**Filter box  
with filter set**



**Radio remote control**



## **Included in delivery:**

- Cleaning robot with integrated filter box and filter set
- Transport trolley with cable drum
- Remote control with functions such as operating hour and cycle counter, menu selection, parameter settings
- Radio remote control
- Commissioning and on-site training for relevant staff

**No empty promises.**

# **Make way for our great customer service.**

To ensure your satisfaction, we work to maintain our high standards every day. This includes caring for you and your device after the sale.

We support and win you over with our numerous services, which include:

- Free device demonstration in your pool
- Maintenance
- Replacement part shipment
- Helpline
- Rental devices
- Repairs
- Training courses

## **10 years replacement part guarantee**

We have a large replacement part warehouse and guarantee replacement part delivery for up to at least ten years following the purchase of a new device.

## **Repairs and rental devices**

If there are issues, we strive to conduct repairs as quickly as possible. In more difficult cases, rental devices can be made available.

## **Maintenance service**

For reliable use of our cleaning devices, we recommend periodically conducting maintenance. This increases the service life of your device despite tough conditions when working in the water.



## **Helpline**

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Swiss Quality.

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