



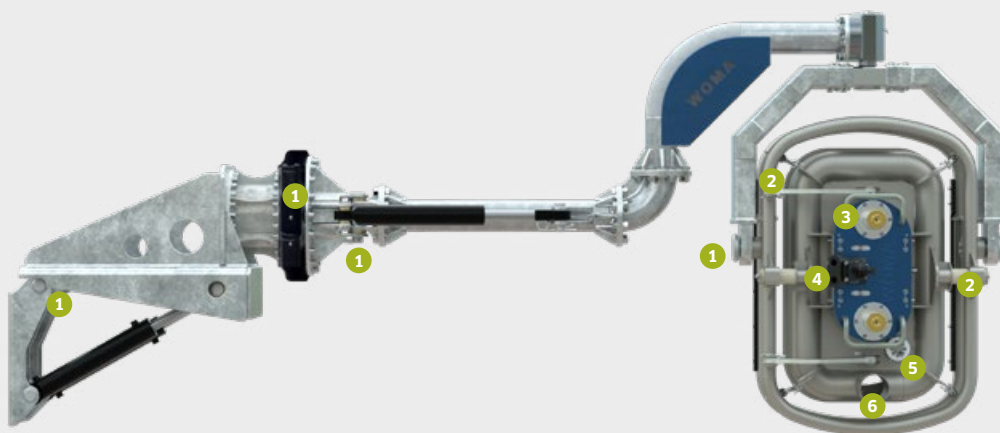
WOMA® RRC NAUTIC SERIES

RRC Nautic 350 | 500 | 700 | 1000

The efficient surface preparation tool for the shipbuilding industry.

A NEW GENERATION OF WOMA SURFACE PREPARATION TOOLS

- Always the optimal setting: Individual support arm segments can be exchanged and rotated via the flanges
- Suitable for mounting on loading arms, dockside arms, aerial work platforms and equipment carriers
- Modular product design: Complete assembly as well as arm and cleaning unit also available separately
- Continuously adjustable rotational speed (500 to 3,000 rpm)
- Standards for surface preparation:
 - SA 1-1.5 up to 1,500 bar
 - SA 2-2.5 up to 3,200 bar
- Optimised extraction efficiency: No wastewater emission due to CFD (flow simulation) simulated housing design
- Parallel arrangement of the rotary bushings and nozzle elements to the direction of motion
- Flexible adaptation of the removal tool to changing surfaces for optimised cleaning and removal results
- Service-friendly design concept, easy maintenance and repair without special tools

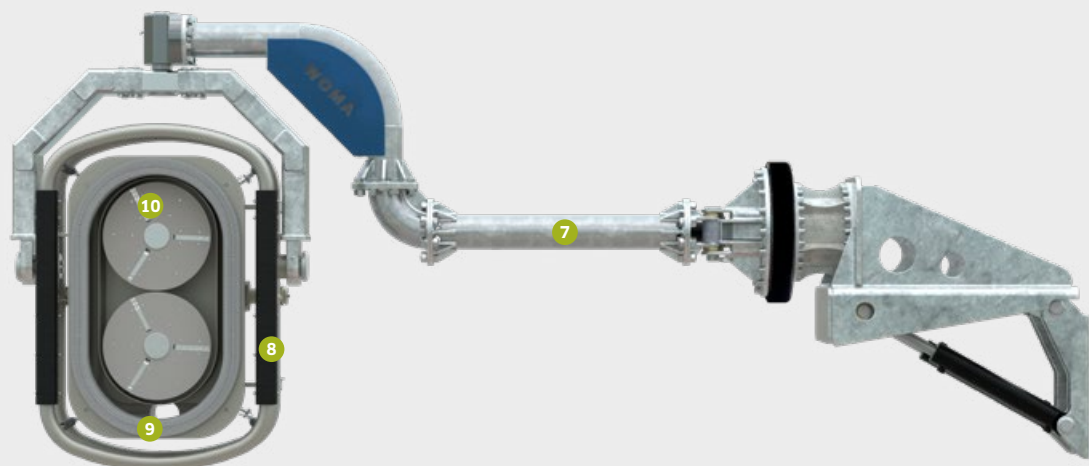


RRC Nautic 700 Front

- Highest flexibility**
thanks to a large number of joints
- Free pendulum bearing**
with contact pressure limitation
- Rotary bushings**
up to 3,200 bar | up to 100 l/min and 3,000 rpm
- Hydraulic drive max. 400 bar**
- Vacuum limiting valve**
- Suction connection**

RRC Nautic 700 Back

- Modular support arm**
- Extremely robust sliding rails**
- Cleaning brush**
- Energy-efficient**
thanks to optimised nozzle arrangement







VERSATILE IN USE, HIGHLY EFFICIENT

The RRC Nautic series is a surface preparation tool specially developed for cleaning and stripping vertical or inclined surfaces in the shipbuilding industry. It is particularly suitable for treating rusty areas, paint removal and surface preparation.

Applications

- Cleaning: Removing dirt, seaweed and marine growth from the ship's hull (up to 600 bar)
- Decoating/Paint Stripping: Removing old paint and coatings in preparation for painting
- Surface preparation: Preparing surfaces for the application of corrosion protection coatings

Technical data

	RRC Nautic 350	RRC Nautic 500	RRC Nautic 700	RRC Nautic 1000
				
Working width (mm)	350	500	700	1000
Medium temperature (°C)	60°C			
Operating pressure (bar)	up to 3,200 bar			
Flow rate (l/min)	50 l/min		100 l/min	
Speed (rpm)	3,000 rpm			
Weight (kg)	ca. 150 kg	ca. 160 kg	ca. 180 kg	ca. 240 kg
Operating pressure of the hydraulic motor (during continuous operation) (bar)	max. 350 bar			
Flow rate of the hydraulic motor at max. speed (l/min)	28.8 l/min (at 3,000 rpm)			
Drive power at max. speed (continuous) (kW)	5.6 kW (at 3,000 rpm)			
Direction of rotation (hydraulic motor)	alternating			
Length (mm)	790 mm	980 mm	1,150 mm	1,450 mm
Width (mm)	980 mm	1,120 mm	980 mm	1,120 mm
Height (mm)	550 mm	550 mm	570 mm	570 mm
Hydraulic connections	G ¾"			
High-pressure connections	1 x 9/16-18 UNF LH		2 x 9/16-18 UNF LH	

With our experience to the right solution.

Need advice and support for your application? Our application technology experts can draw on decades of cross-sector experience and find the right system solution with the right parameters for your task.

**WHATEVER THE TASK.
WE HAVE THE SOLUTION.**

WOMA GmbH
Werthausen Straße 77-79
47226 Duisburg

P: +49 2065 304 0
F: +49 2065 304 200

info@woma.karcher.com
www.woma-group.com