

## WHR / WGR Magnum - Switcher nozzle

<https://ehle-hd.com/en/product/whr-wga-magnum-switcher-nozzle-kopieren/>



The **WHR and WGR Magnum switcher nozzles** combine maximum propulsion with maximum cleaning performance. With the nozzles, it is possible to use the full flow rate for pulling and flushing. Then switch over and use the maximum water output on the cleaning jet circuit when moving back. This allows the most resistant deposits in pipes from 150 - 450 mm (WHR Magnum) and 200 - 900 mm (WGR Magnum) to be removed.

Developed for use on vehicles with water recycling systems

### Features

- can be used in nominal pipe sizes from DN 150 to DN 900
- Switcher nozzles for maximum advance or maximum cleaning performance
- switching process takes place by relieving the pressure and re-pressurizing the pump
- can be used on water conditioners
- for removing blockages, grease, sludge clods, incrustations, fine roots and grease deposits
- rotation is hydraulically braked to max. 150 - 400 rpm for constant cleaning performance
- service interval every 1600 hours, designed for long service life and low maintenance






### Nozzle inserts:

- In order to optimally match the nozzle to the jetting unit, we need the power of the pump (litres per minute), the working pressure (bar) and the length, diameter and material of the HP hose.

### Scope of delivery:

- Warthog Magnum Switcher nozzle
- incl. nozzle inserts

## Attributes

Image	SKU	Productname	Attributes	LxWxH & Weight
	WHR-1/2-SWT-BSP	WHR Switcher - 1/2"	<b>connection:</b> 1/2" female thread <b>application from:</b> 150 - 450 mm <b>water supply:</b> 53 - 170 lpm <b>thrust nozzles:</b> 2x 155" <b>spinning nozzles:</b> 3x 115" <b>front nozzles:</b> 1x 15" <b>operating pressure:</b> 83 - 345 bar	180 x 92 x 92 mm 3.00
	WHR-3/4-SWT-BSP	WHR Switcher - 3/4"	<b>connection:</b> 3/4" female thread <b>application from:</b> 150 - 450 mm <b>water supply:</b> 76 - 190 lpm <b>thrust nozzles:</b> 2x 155" <b>spinning nozzles:</b> 3x 115" <b>front nozzles:</b> 1x 15" <b>operating pressure:</b> 100 - 550 bar	180 x 92 x 92 mm 3.00
	WHR-U-1-SWT-BSP	WHR Switcher - 1"	<b>connection:</b> 1" female thread <b>application from:</b> 150 - 450 mm <b>water supply:</b> 76 - 230 lpm <b>thrust nozzles:</b> 2x 155" <b>spinning nozzles:</b> 3x 115" <b>front nozzles:</b> 1x 15" <b>operating pressure:</b> 100 - 550 bar	180 x 92 x 92 mm 3.00
	WGR-1-SWT-BSP	WGR Switcher - 1"	<b>connection:</b> 1" female thread <b>application from:</b> 200 - 900 mm <b>water supply:</b> 190 - 300 lpm <b>thrust nozzles:</b> 4x 155" <b>spinning nozzles:</b> 2x 125" 3x 115" <b>front nozzles:</b> 1x 15" <b>operating pressure:</b> 85 - 350 bar	260 x 110 x 110 mm 6.00
	WGR-1 1/4-SWT-BSP	WGR Switcher - 1 1/4"	<b>connection:</b> 1 1/4" female thread <b>application from:</b> 200 - 900 mm <b>water supply:</b> 190 - 380 lpm <b>thrust nozzles:</b> 4x 155" <b>spinning nozzles:</b> 2x 125" 3x 115" <b>front nozzles:</b> 1x 15" <b>operating pressure:</b> 85 - 350 bar	292 x 114 x 114 mm 6.80