



AquaTeq



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# JAWS & HAMMERHEAD

Jaws and Hammerhead nozzles water speed is increased by "looping" it around a patented system of individual conduits. This results in disciplined, well designed and powerful water streams that stays together longer and farther behind the nozzle.

The water stream angle, the jet and the jet sizes are scientifically designed for optimum thrusting and cleaning efficiency.

The Jaws nozzles have set a new standard that all other nozzles are measured by, cutting overall operating costs and increase efficiency.

## Characteristics

- Quality stainless steel construction for turbulence free water. Transporting the water to individual jets with SBR rubber conduit cover.
- Variable jet sizes to accommodate flows from 20 up to 1000 l/min (5-265 US GPM).
- Low angle jet streams, attack debris at its weakest point with superior performance.
- Increase efficiency 30-50 % compared with conventional nozzles.
- Less wear on pump.
- Less fuel consumption.

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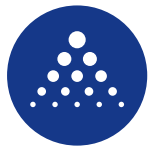
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**DRAIN**AUSTRALIA**CHEM**  
DRAIN MAINTENANCE PRODUCTS AND SOLUTIONS



#### Hammerhead Specifications

Hose size	1/2" up to 1"
Water flow	20 – 175 l/min (5-50 US GPM)
Pipe dimension	Ø 100 – 300 mm (4" - 12")
No. of jets	4
Jet size	0,9 up to 2,8 mm
Available sleds	2 sizes: 4"-6" and 6"-12"
Weight	0,4 kg (0,9 Lbs)
Weight with sled	0,7 kg (1,5 Lbs)
Length	85 mm (3,4")
Length with sled (4" - 6")	180 mm (7,1")
Diameter without sled	50 mm (1,2")

*Note: Weights and dimensions are approximate and subject to change without notice. Weights and dimensions may vary depending on equipment installed.*



#### Jaws Specifications

Hose size	3/4" up to 1 1/2"
Water flow	60 – 1000 l/min (12-265 US GPM)
Pipe dimension	Ø 150 mm and up (6" and up)
No. of jets	6
Jet size	1,9 up to 6.0 mm
Available sleds	5 sizes: 6", 6"-8", 10"-12", 15-20", 24"-32"
Weight	1.5 kg (3,3 Lbs)
Weight with sled (10"-12")	3.0 kg (6,6 Lbs)
Length	150 mm (5,9")
Length with sled (10" -12")	300 mm (11,8")
Diameter without sled	95 mm (3,7")

*Note: Weights and dimensions are approximate and subject to change without notice. Weights and dimensions may vary depending on equipment installed.*

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In Conventional Nozzles water hits the front and then is forced out the rear. This results in undisciplined, weak and poorly defined water stream that quickly turns into mist very close to the nozzle.

All nozzles featuring the Predator conduit design will balance pump flow and pressure by looping it around a patented system of conduits. This results in a disciplined, well defined and powerful water stream that stays together longer and farther behind the nozzle.

The Predator series of nozzles include the Jaws, Hammerhead, Orca, C-Ray, Missile and the Golden nozzle. All of them developed for a certain purpose to offer you the best solution to your cleaning task.

A field trial setup to demonstrate the improved performance of the Predator series of nozzles best illustrate how you can reduce time on site, fuel and labour costs and dramatically reduce water consumption.

Test Conditions: 225mm x80 metres in length filled with approx. 400 Kg of sand, gravel and stones.

Jaws vs. 3 different Conventional and common Nozzles:

Total water Consumed	Time	No. of Passes
JAWS:		
7800 litre	30 mins.	2
Conventional Nozzles :		
16500 litre	60 mins.	4
21000 litre	120 mins.	10
51750 litre	345 mins.	23

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