

Machete™ Linear Oscillating Hydro-Excavation Nozzles

MACHETE™ Hydro Excavation Nozzles from *Hydra-Flex* are superior tools for trenching capabilities. Designed to blast a zero degree water stream that oscillates to create a 15 degree wedge of powerful flow. Allows for faster digging in the hardest and most compact soils. Unique design helps to reduce undermining that may occur with traditional rotating nozzles.

These heavy-duty nozzles are constructed of a stainless steel body, tungsten carbide wear surface and non-conductive, replaceable nylon housing. Pressure ratings from 1000 to 3200 PSI • Maximum water temperature is 180° F • 1/2" FPT inlet. *Repair kits available.*



Part No.	Orifice Size	Output
HF 1003088-040	4.0	3.6 GPM @ 3200 PSI
HF 1003088-050	5.0	4.5 GPM @ 3200 PSI
HF 1003088-060	6.0	5.4 GPM @ 3200 PSI
HF 1003088-080	8.0	7.2 GPM @ 3200 PSI
HF 1003088-100	10.0	8.9 GPM @ 3200 PSI
HF 1003121	Nylon Cover As Replacement	
HF 1003034	Inlet Screen, Pack of 10	



Reaper Rotating Jetter Nozzle

Hydra-Flex, Reaper Jetter Nozzles offer superior performance, durability, reliability, efficiency and serviceability.

The *Reaper* Front Jet creates a zero degree, straight water stream that blasts up to 4,000 PSI, while rotating to form a 24 degree, (3/8") or 30 degree, (1/2" & 1") cone of coverage. The four, fixed rear jets create a 20 degree angle for maximum thrust and push/pull power.



Heavy-duty, high impact construction features stainless steel housing and tungsten carbide wear surfaces. Designed to withstand harsh environments and provides longer life than ceramic nozzles.

Available in 3/8" for 3" to 6" pipe or 1/2" for 4" to 8" pipe. Operating pressure is 1,500 - 4,000 PSI. Maximum temperatures to 180° F. Ports are FNPT.

Repair kits available.



Part No.	Inlet	Orifice	Flow Rate at 4,000 PSI
HF 1003031-060	3/8" FPT	6.0	6 GPM
HF 1003031-090	3/8" FPT	9.0	9 GPM
HF 1003031-120	3/8" FPT	12.0	12 GPM
HF 1003032-120	1/2" FPT	12.0	12 GPM
HF 1003032-150	1/2" FPT	15.0	15 GPM
HF 1003032-180	1/2" FPT	18.0	18 GPM
HF 1003032-240	1/2" FPT	24.0	24 GPM
HF 1003155-400	1" FPT	40.0	40 GPM
HF 1003155-600	1" FPT	60.0	60 GPM
HF 1003155-800	1" FPT	80.0	80 GPM