



**SINGLE, DOUBLE OR TRIPLE
JETS — FOR PRECISE &
ACCURATE SOIL REMOVAL**



HX-101

Single Head Assembly
• OC1H Carbide (1)



HX-102

Double Head Assembly
• AP2 Attack Tips (2)



HX-103S

Triple Head Assembly
• AP2 Attack Tips (3)

HYDRO-X

Utilizes replaceable 1/8" npt AP2 Attack Tip nozzles (HX-102/103 models) or a single OC1H 1/4" npt carbide nozzle (HX-101). Using a single nozzle channels all of your pumps power in one direction for the most digging power. Whereas the in-line 2 and 3 patterns give operators the ability to jet with a wider spray pattern to trench material faster.

FEATURES:

- Each head has a 1/2" npt inlet connection to attach to the operating wand.
- The included high-visibility urethane guard is replaceable with three bolts.

HYDRO-X

Up to 5k psi (350 bar)

3-12 gpm Flows (9-58 l/min)

3 Jet Patterns Available

Hydro-X Specifications

PRESSURE RANGE	Up to 5k psi 350 bar
FLOW RANGE	2c15 gpm 11-57 l/min
INLET CONNECTION	1/2 NPT
NOZZLES	1 x OC1H Carbide, 2 or 3 AP2 Attack Tip
WEIGHT	1.1 lb 0.5 kg



6 OR 8-WHEEL ADJUSTABLE CENTRALIZERS

WG 286-M-P16 – STRAIGHT PIPES

13"-36" diameters (330-915 mm)

WG 288-S-P16 – PIPES W/BENDS

16.5"-22" diameters (420-560 mm)



POLY-FIN CENTRALIZERS

WG 070

Available in 6", 8", 10" & 12" interchangeable skid sizes.
(152 mm, 203 mm, 254 mm & 305 mm)



SUPER CENTRALIZERS

WS 085 – 4.5" DIAMETER

For 5" (127 mm) minimum pipe ID

WH 085 – 5.5" DIAMETER

For 6" (152 mm) minimum pipe ID

WG-085 – 7" DIAMETER

For 8" (203 mm) minimum pipe ID



MANHOLE CLEANERS

TURN YOUR WARTHOG PIPE CLEANING TOOL INTO AN EFFECTIVE MANHOLE CLEANER

The benefit of using this design is that the jets are directed at the manhole walls at all times which makes it much more effective and safer than 3D tools. The conversion is simple and requires exchanging the standard WG 040 head with our Manhole Cleaner head kits. The head conversion kits include a head with 1/2" extension arms and nozzles. Call our Customer Service team for kit options. We recommend the use of manhole cover plates for increased safety.