

Atlas Polar's Hydrorake Division has more than three decades of experience in the field. During that time we have built a reputation as the principal supplier of totally automated trashraking systems to the Hydropower and Water Management industries across North America.

## Hydrorake

	<b>Model ST8000</b>	<b>Model DT8300</b>
Lift capacity	1,250 lbs. debris	4,000 lbs. debris
Raking depth	34 ft. below deck elevation	70 ft. below deck elevation
Rake boom design	Single and telescopic staging available	Double and telescopic staging available
PLC control	Auto control panel available with alternate hand-held controller. Control installation available in motor control center or in outdoor weather proof enclosure.	Auto control panel available with alternate hand-held controller. Control installation available in motor control center or in outdoor weather proof enclosure.
Power supply	240/480/575V, 3 phase, 60 HZ	240/480/575V, 3 phase, 60 HZ
Parts	Standard production items, hi-interchangeability of parts	Standard production items, hi-interchangeability of parts
Hydraulic system	2,250 PSI	2,500 PSI
Inward rake pressure	Rake exerts an adjustable 200–300 lbs. pressure on trashracks during upward raking motion	Rake exerts an adjustable 300–500 lbs. pressure on trashracks during upward raking motion
Rakehead width	4 feet/custom	6 feet

## Hydrobrush

	<b>Model ST8100</b>
Stainless steel wire orientation	Vertical
Brush/length	Double bristle/5 feet/custom
Brushing depth	40 feet
Screen angle	0° - 30° from vertical
Boom design	Single/double
PLC control	Auto control panel available with alternate hand-held controller. Control installation available in motor control centre or in outdoor weather proof enclosure.
Power supply	240/480/575V, 3 phase, 60 HZ
Side-travel speed	0 - 1.25 ft./sec.
Parts	Standard production items, hi-interchangeability of parts
Hydraulic system	Maximum 2,250 PSI
Inward brush pressure	Variable

## Stop Log Lifter

	<b>Model LP2040</b>
Log size	12 or 14 inches wide, up to 29 ft. long
Rail centers	To suit
Sluice depth	30 feet
Boom system	Double telescopic
Power supply	240/480/575V, 3 phase, 60 HZ
Control station	Center console
Boom speed	25 ft./min. average
Side-travel speed	Variable to 50 ft./min.
Breakaway force	10,000 lbs. per boom
Compaction force	20,000 lbs. per boom
Iron style	Hook or spud
Log contact indication	Compactor plate mounted
Hydraulic system	3,000 PSI

Specifications subject to change



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