

Atlas Polar

STOPLOGLIFTER

**KEEP THE
WATER FLOWING**



WATER WAY

DEBRIS REMOVAL +
CONTROL SYSTEMS

BETTER WATER
CONTROL.
ONE-PERSON
OPERATION
WITH LESS
RISK IN ANY
CONDITIONS





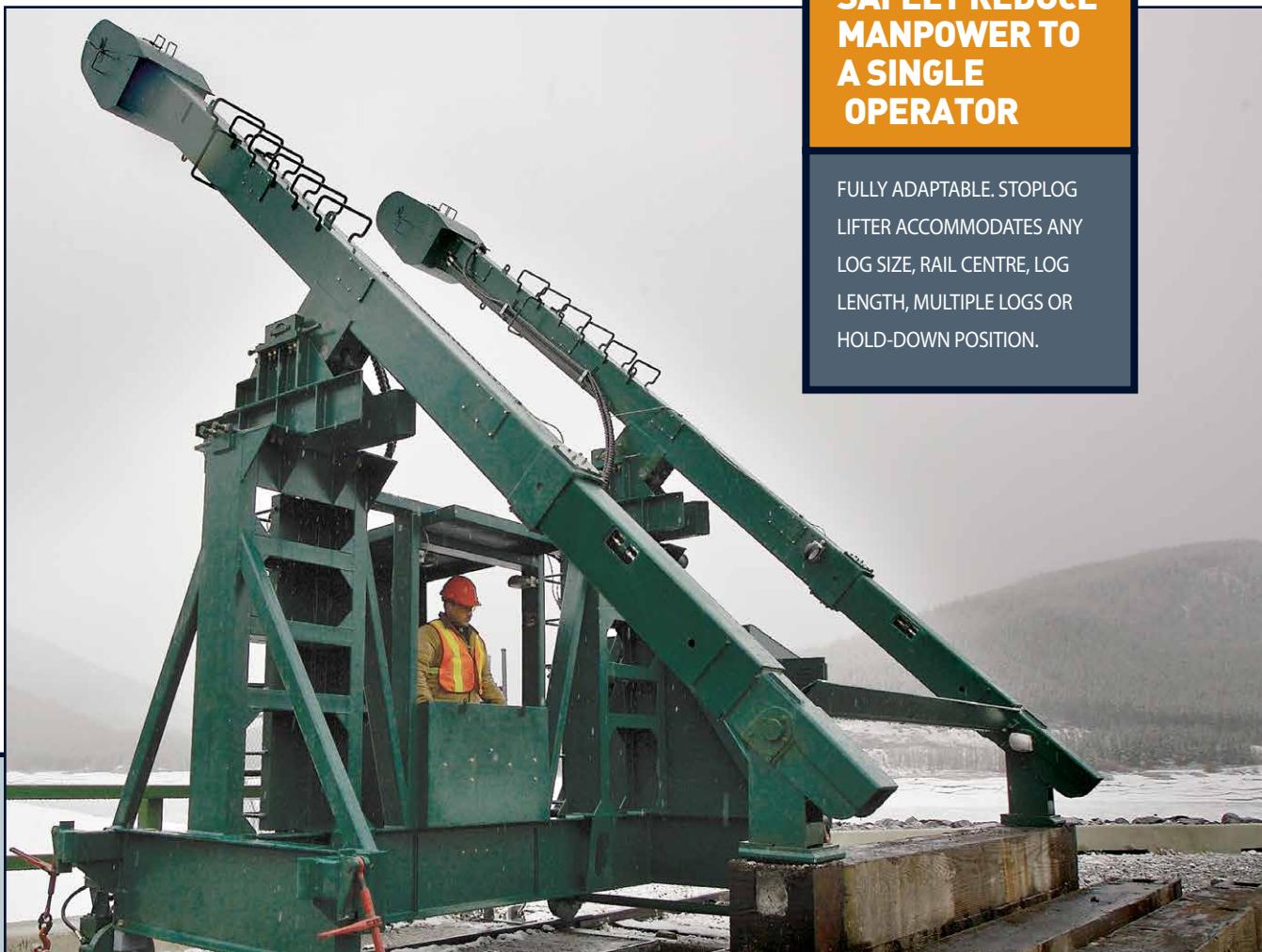
REMOVE LOGS FROM SLUICEWAYS – 24/7

The Atlas Polar StopLog Lifter system takes the risk and downtime out of the hazardous job of securing, removing, stacking, retrieving and replacing logs in the sluiceway. The hydraulic system requires only a single operator, and is effective in even the most adverse weather conditions. It keeps on going 24/7, so your operations can too. It's fast, highly efficient, and contributes to high staff morale and wellbeing.

The Atlas Polar StopLog Lifter can engage a log with a full head of water passing over it. With a lifting force of 20,000 lbs and a damage-free jacking down force of 40,000 lbs, it's a match for any log in any circumstance. And the StopLog Lifter is fully adaptable to your site. It can be made to accommodate any rail centre, log size, log length, multiple logs, hold-down provisions and more.

**SAFELY REDUCE
MANPOWER TO
A SINGLE
OPERATOR**

FULLY ADAPTABLE. STOPLOG
LIFTER ACCOMMODATES ANY
LOG SIZE, RAIL CENTRE, LOG
LENGTH, MULTIPLE LOGS OR
HOLD-DOWN POSITION.



TOUGH + UNSTOPPABLE – UNDER ANY CONDITIONS

No downtime. No safety risk. No log damage.

SAVE MORE. DO MORE. RISK LESS.

The StopLog Lifter system can remove any log fast and effectively to a depth of 30 feet without log damage or risk to the operator. And it's fish-friendly. In fact, it's the best way to deal with logs in the sluiceway. It's proven itself under the toughest conditions in North America and it's why StopLog Lifter has been the equipment leader for over 40 years.

POWER TO SPARE

The StopLog Lifter system can engage a log with a full head of water passing over it. With a lifting force of 20,000 lbs and a damage-free jacking down force of 40,000 lbs, it's a match for any log in any circumstance.



**10,000 LBS MIN.
BREAKOUT.
20,000 LBS MAX.
JACK DOWN**

BREAKOUT AND JACKING
FORCES ARE CONSISTENT
+ SIMULTANEOUS AT BOTH
ENDS OF THE LOG



AT A GLANCE

- Booms bottom on the log at 2800 psi while a second gauge turns the head at 1500 psi.
- Operator has a clear view of the operation at all times and is protected from weather
- Individual gauging for each boom system
- Stacks and retrieves logs from the downstream deck
- Double-braid, high pressure hydraulic hoses, electric motor, pump, oil reservoir and control bank contained in lockable enclosure.

- Engages logs even under a full head of water
- Breakout/lifting force: 10,000 lbs min.
- Jack down/compacting force: 20,000 lbs. max
- Travel speed along dam: 25 ft/min out + in
- Boom speed: 25 ft/min out + in
- Clearance: 6 in. min between log + dam
- Remove from any sluice up to 30 ft. depth
- Safe clear view at all times from centred weather-protected operator platform
- Lockable enclosed electric motor, pump oil reservoir and control bank (propane option)
- Double-braided high-pressure hoses

WATER WAY

DEBRIS REMOVAL +
CONTROL SYSTEMS

TOUGH
EQUIPMENT
FOR
THE TOUGHEST
CONDITIONS

**IN THE MORE THAN 40 YEARS THAT
WE'VE MANUFACTURED WATERWAY
EQUIPMENT, WE'VE LEARNED A THING
OR TWO ABOUT PERFORMANCE.**

Atlas Polar introduced the first automated waterway debris removal and control system to North America in 1976. Today, more than 400 installations later, we haven't looked back.

Atlas Polar state-of-the-art waterway systems – HydroRake, HydroBrush, StopLog Lifter and new HPOE Polar Trash Racks – have been proven at some of the largest hydroelectric dams, municipal waste facilities, water intake facilities and fishprocessing plants on the continent. And they keep on working – 24/7 – under the most extreme weather conditions to be found anywhere.

Our innovative systems are flexible, reliable and cost efficient, and they're proven to increase flow efficiency, reduce operations and maintenance costs, and improve safety and morale.

We build them. We test them. And we stand behind them. No wonder they're #1 in North America.

Atlas Polar Company Ltd.

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Atlas Polar

IT'S ALL ABOUT QUALITY™