ABS

The Smart Haul.
Think ahead.

Move forward.
At ABS, we have always believed that the transport of aggregate materials must be performed with strong, versatile, safe, and reliable equipment. So, for more than fifteen years, we have focused on doing just one thing, and doing it very well — we are the first in Canada to design and manufacture live-bottom trailers.

Our single-mindedness comes from past experience, in-depth knowledge of the industry and a vision for the future. Our goal is to provide peace of mind for truckers, operators and managers by making your job safer, easier and more profitable.

Always at the leading edge of technology, we innovate constantly, improve our products continuously, listen to our customers and build outstanding products that surpass their expectations. We believe our customers are a key part of the ABS equation: best idea + best response = best product.

As a result, ABS Trailers is a leader in the Canadian market.

From pre-sale to post-sale, we are committed to meeting, and often going beyond, your requirements, satisfying your needs and providing outstanding support that empowers your business.

Don’t hesitate to contact us.
At ABS, our commitment to designing, building and delivering live-bottom trailers is about more than meeting standards. Ensuring your safety and peace of mind requires a strict quality control at every stage of the manufacturing process.

We comply with Canadian regulations and use state-of-the-art equipment to manufacture a product the pros count on every day:

- Advanced facilities
- Knowledgeable experts
- CWB-certified welders

Accredited by Transport Canada and acclaimed by our many customers across Canada, ABS live-bottom trailers will surpass your expectations. Guaranteed.

The ABS delivers “Peace of Mind” when unloading. There is no risk to tip over, a huge safety factor.

George L MacDonald
G L MacDonald Trucking Limited
Sydney, Nova Scotia
Built to last.

Designed and built to perform in Canada’s harshest weather conditions, ABS live-bottom trailers are the toughest on the market.

The best components
To ensure optimal performance in all sorts of demanding conditions, we only use and install the best heavy-duty materials and components including heavy-duty Hardox 450 steel.

Hardox 450 steel
This plate steel stands up to extreme wear in the roughest environments.

Suspension
Our trailers are constantly exposed to extreme conditions, so we install heavy-duty suspensions with a 30,000-pound capacity to ensure safety and reliability.

Your ABS live-bottom trailer is only profitable when it’s in service, so we fully guarantee our parts, equipment and manufacturing process.

If it’s our fault, we’ll fix it.

This is one company that really stands behind their product.
Joe Petrella,
Petrella Transport Ltd.
Caledon East, Ontario
Loads of applications.

ABS live-bottom trailers are built ready to haul whatever you need, wherever it has to go, all year long.

**Materials**
- Asphalt, concrete
- Sand, rocks, aggregates
- Abrasive stone
- Dry bulk materials

**Applications**
- Mines, quarries
- Highway, overpass construction
- Asphalt paving
- Block manufacturing
- Cement/concrete manufacturing
- Local and long-distance deliveries

**Paver-friendly**
To facilitate asphalt ing, our live-bottom trailers can quickly and easily unload into a paving machine or transfer vehicle. You can even back onto an overhang and deliver materials precisely to a difficult spot on a job site.

Serge Daunais
Pavages Maska Inc
St-Dominique Quebec
Since buying the ABS trailer it has been worked steadily on everything from asphalt to salt.

We are very pleased with the operation and reliability of the trailer as well as the service from both the company and it’s representatives.

Russ Rutherford,  
Sound Transportation  
Parry Sound, Ontario

“Untippable by design.”

While a traditional dumper trailer can tip over when lifted, ABS live-bottom trailers are untippable by design. In fact, not one of our trailers has ever tipped over in more than fifteen years. The benefits are obvious for ABS customers everywhere:

- Eliminate risk of accidents and injuries
- Prevent material damages and repair costs
- Avoid loss of revenue
- Maintain a good reputation

Russ Rutherford,  
Sound Transportation  
Parry Sound, Ontario
ABS live-bottom trailers are designed and built for the big haul, the long haul and the smart haul — protecting you and your investment for years to come.

**Brake system**
We install only original brake components to minimize braking response time. Brake circuitry is also optimized for maximum capacity in case of an emergency.

**Load retention**
By minimizing areas inside and outside the trailer where rocks, stones and loose material can accumulate, our live-bottom trailers avoid accidental spills that could cause accidents, damage to other vehicles or personal injuries.

**Safe and secure.**
ABS live-bottom trailers are designed to protect drivers, on-site workers, and the payload.
The smart haul at work.

**Lighting system**
Stroboscopic lights are installed in series for increased visibility on construction sites. Lateral flashing lights are installed on the sides to clearly warn other vehicles. Lights are also installed on the upper aluminum panels.

**Bin access**
All our live-bottom trailers are equipped with a bin ladder for quick and safe access to the inside of the bin.
Important key features.

ABS live-bottom trailers offer a number of key features that make our trailers the first choice among our customers.

**Conveyor mechanism**

The conveyor built into the chassis moves the load towards the rear door without the risk of side spillage associated with the unloading of traditional dumper trailers. The load mass is evenly supported by a series of robust crossbeams, instead of a single metal rail. Chains pull the conveyor to ensure a smooth, even and fail-safe operation.

**2 hydraulic motors, 2 planetary gear reducers**

Located at the side rear, a main sprocket gear shaft pulls the conveyor even when it's fully loaded. Driven by planetary gear reducers coupled to hydraulic motors and using hydraulic pressure from the tractor, the load is safely and steadily moved to the rear of the semi-trailer. In addition, the hydraulic control allows you to reduce conveyor speed or even stop it completely if needed.

**Tarp cover mechanism**

We design and build the fully adapted tarp cover system that comes with every live-bottom trailer we manufacture to ensure that our customers can operate in rain, wind, and snow. An electric motor located at the front of the trailer on the driver's side opens and closes the tarp to protect the load. And because these are our own systems, we can also repair them quickly and easily.
Well-identified connectors
Well-identified electrical, pneumatic and hydraulic connectors for quick and simple hook-ups enabling you to interchange any tractors.

Easy-to-install emergency crank
Complete your work day without loss of money in case of a power failure. Hand crank is designed to be operated with driver's feet on the ground to avoid any chance of injury.

Rear lighting
Light up the unloading area to ensure safety during early morning and nighttime deliveries.

Interior bin lights
Makes loading up and after-delivery inspections quick and easy.

Self-clean bin system
Bin empties completely so your driver doesn’t have to clean before leaving the delivery site.

Air-insulated bin
Keeps materials at their original temperature longer — ideal for keeping asphalt hot and allowing operations to continue even in winter conditions.

Low oil pressure operation
No need for high pressure hydraulic pump.

Quick access tool compartment
Located in the trailer and accessible from the tractor platform.

Automatic rear fender mechanism
Automatically lifts rear fenders as soon as the rear door is activated or as soon as the trailer backs up.

In-motion unloading
Balances the front-load weight on the tractors wheels to allow unloading while the vehicle is in motion. Ideal for road work and more.

Maintenance-free conveyor mechanism
Automatic oiling system maintains conveyor system’s operation at optimum performance at all times.

Security hooks
Rear door features 2 security hooks that open automatically when the door command is activated and close after the rear door is shut.
Solid performance on any terrain.

Contrary to traditional dumper trailers that require a flat and firm surface for deliveries, ABS live-bottom trailers can unload on any kind of ground conditions: soft soil, uneven or on an incline.

Because the bin is never lifted, ABS live-bottom trailers can work under obstacles like tree branches, hydro wires, bridges and overpasses or inside roofed structures.

ABS makes deliveries simpler, easier and safer as you avoid accidents and added expenses, and can stop worrying about potential problems.
Choose your live-bottom trailer

RC line
With our advanced R&D efforts and state-of-the-art technology, the RC line of live-bottom trailers includes all the options we have developed over the last 15 years — and improved constantly in response to our clients’ comments. We apply one simple principle: When it’s good for one client, it’s good for everyone.

RC339 (QUEBEC-EASTERN CANADA)
LENGTH: 38' 10" OR 11,84 M
VOLUME: 41 CU./YA. OR 31 CU./M. WATER LEVEL
WEIGHT: 8,800 KG OR 19 140 PDS. +/- 2 %
HEIGHT SIDES: 126'' OR 3.2 M. AT HIGHEST POINT
MAX. HEIGHT: 140'' OR 3.56 M. AT HIGHEST POINT

RC448 (QUEBEC-ONTARIO-NEW BRUNSWICK)
LENGTH: 47' 10" OR 14.58 M
VOLUME: 50 CU./YA. OR 38 CU./M. WATER LEVEL
WEIGHT: 10,900 KG OR 23 980 PDS. +/- 2 %
HEIGHT SIDES: 126'' OR 3.2 M. AT HIGHEST POINT
MAX. HEIGHT: 140'' OR 3.56 M. AT HIGHEST POINT

Also available:
RC342 for Western Canada and RC548 5 axles for Ontario only

BC line
While less expansive than our RC products, the BC range is assembled on the same chassis, which delivers the same efficiency when unloading. These live-bottom trailers are designed to transport asphalt as well as aggregates and offer fleet owners a cost-effective alternative.

BC339
LENGTH: 38' 10" OR 11,84 M
VOLUME: 41 CU./YA. OR 31 CU./M. WATER LEVEL
WEIGHT: 8,800 KG OR 19 140 PDS. +/- 2 %
HEIGHT SIDES: 126'' OR 3.2 M. AT HIGHEST POINT
MAX. HEIGHT: 140'' OR 3.56 M. AT HIGHEST POINT

BC448 (QUEBEC-ONTARIO-NEW BRUNSWICK)
LENGTH: 47' 10" OR 14.58 M
VOLUME: 45 CU./YA. OR 34 CU./M. WATER LEVEL
WEIGHT: 10,900 KG OR 23 980 PDS. +/- 2 %
HEIGHT SIDES: 120'' OR 3 M. AT HIGHEST POINT
MAX. HEIGHT: 134'' OR 3.4 M. AT HIGHEST POINT

Also available:
BC342 for Western Canada and BC548 5 axles for Ontario only
Aesthetically pleasing
ABS live-bottom trailers are good-looking and built to stay that way. They’re easier to keep clean because the heavy-duty steel gets a high-quality paint job, followed by an epoxy and a polyurethane coat to ensure the finish looks good for a long time to come.

Aerodynamic advantage
Aerodynamics is an important feature that makes ABS live-bottom trailers an excellent investment. The streamlined design reduces wind resistance on the road thus cutting down on fuel consumption while improving speed and stability.
Making your job easier.

ABS live-bottom trailers are built with a maximum number of standard trucking parts and equipment to enable you to buy replacement parts from your preferred supplier.

Easy to use
Making our live-bottom trailers user-friendly is a priority, so we make sure all our products are intuitive.

Easy to add-on
ABS trailers are ready to be customized with any optional items your business needs.

Easy to maintain
Maintenance is simplified by ensuring operators and mechanics can quickly and easily access specific ports to perform their work.
10 reasons to choose
an ABS live-bottom trailer.

Safety  Durability  Reliability  Performance  Cost-effectiveness
High loading capacity  Quick unloading ability  Low maintenance  Aesthetics  Great service

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