

ENGINEERED FOR THE EXTREME

WWW.RUFDIAMOND.COM



**RUF
DIAMOND**

WE SAFELY MAKE THE WAY

COMMERCIAL PRODUCTS

2026 PRODUCT CATALOGUE



RD · CANADA

BUILT FOR WHERE OTHERS **WON'T GO**

OUR MISSION

WE SAFELY MAKE THE WAY

RufDiamond is Canada's leading distributor of purpose-built equipment for remote, extreme, and inaccessible terrain. Our lineup is engineered to solve the hardest access and power challenges faced by crews in mining, forestry, construction, geotechnology, military, and emergency response.

From amphibious utility vehicles and tracked terrain carriers to fuel-free power systems and mobile concrete plants — every RufDiamond product performs where standard equipment fails, safely and reliably.

FAT TRUCK

Amphibious all-terrain utility vehicles · FT2 / FT3 / FT5

IRONHORSE

Compact tracked transport · Flex / Flex 2 / Essence

BATT PACKS

Hybrid fuel-freepower · 3 kW – 150 kW range

AGILIS BP

Mobile batch plants · Wheeled / Tracked

DISCOVER > NEWS

RUFDIAMOND IN ACTION



CTV NEWS

Canadian Armed Forces test made-in-Canada 'fat trucks' for Arctic travel

Arctic-bound Canadian Armed Forces members train on Canadian made 'fat trucks' in Sudbury. The vehicle's manufacture RUFDiamond says it aims to cut reliance on air travel in the north.



INDUSTRY REPORT

Fat Truck Helps Restore Power in Storm-Hit Communities

Utility crews deploy the Fat Truck to reach downed lines through flooded backroads restoring service days ahead of conventional equipment.



POLICE NEWS

Fat Truck Saves the Day in Search & Rescue Operation

Local police credit the Fat Truck for reaching a stranded victim across waterlogged terrain that immobilized the entire conventional fleet.

THE LINEUP

PRODUCT INDEX

FAT TRUCK — Page 04–05

Fully amphibious commercial utility vehicles. ISO 3471 ROPS certified, hydrostatic drive, 35° slope capability. FT2 / FT3 / FT5 series with platforms, trailers, sled and accessories.

IRONHORSE — Page 06–07

Compact Swedish-built tracked transport. Ultra-low ground pressure, modular accessories. Flex / Flex 2 / Essence plus the AVEQUS Pro Flex 2 timber trailer.

BATT PACKS — Page 08–09

Fuel-free hybrid power for the field. 3 kW to 150 kW, pure sine wave, -50 °C rated, military approved. LiFePO₄ battery, zero fumes, made in Canada

AGILIS BATCH PLANTS — Page 10–11

Mobile concrete & shotcrete production where conventional trucks can't reach. Wheeled (underground) and tracked (surface) configurations. Co-developed with Bay-Lynx.



INDUSTRIAL OFF-ROAD UTILITY VEHICLES

THE ORIGINAL FAT TRUCK

OVERVIEW

ENGINEERED FOR THE IMPOSSIBLE

Agile, efficient, and purpose-built for extreme terrain. The Fat Truck is classified as commercial utility equipment, fully amphibious, and capable of climbing 35-degree slopes. Joystick-controlled hydrostatic drive. Certified ISO 3471 ROPS. Built and tested in Canada.

Available in three model families — FT2, FT3, and FT5 — plus a complete ecosystem of platforms (HLP, DLP), trailers, sled, accessories and OEM parts to configure each unit for the job.

APPLICATIONS

- Mining & Exploration
- Oil & Gas
- Utilities & Powerlines
- Telecom
- Emergency Operations
- Expeditions & Recreational
- Defence

PLATFORMS · TRAILERS · ACCESSORIES



HLP- Hook-Lift Platform

Hook-Lift Platform — lifts & transports up to 1 ton over rough terrain.



DLP- Drilling-Lift Platform

It purpose-built for survey, geotechnical, and exploration drilling in remote terrain.



Amphibious Trailer

Cargo & equipment tow units amphibious and transport variants for swamps, snow, rivers and on-road hauling



Transport Trailer

Built for safe, efficient transport of the Fat Truck, ensuring reliable hauling and quick deployment.



Accessories

Boost your Fat Truck's performance with accessories designed to take your operation to the next level. Enhance its technical capabilities and maximize results.



OEM Parts

Access our Fat Truck online parts portal. Here you can search for and place orders for spare parts quickly and easily.



MODELS AVAILABLE



FT2 PICKUP

Compact 4x4 amphibious pickup. Ideal for small teams needing reliable off-road access.

Payload (land)	2,000 lb
Passengers Max	4 (2+2)
Speed	20 mph (32Km/h)
Engine	HATZ 56 hp
Amphibious	Yes



FT3 PICKUP

More capacity, more power. Carries larger crews and heavier payloads through the toughest terrain.

Payload (land)	3,000 lb
Passengers Max	8 (2+6)
Speed	25 mph (40 Km/h)
Engine	HATZ 74 hp
Amphibious	Yes



FT3 WAGON

Enclosed wagon body for crew transport in extreme conditions. Full climate control.

Payload (land)	3,000 lb
Passengers Max	8 (2+6)
Speed	25 mph (40 Km/h)
Engine	HATZ 74 hp
Amphibious	Yes



FT5 HAULER (8x8)

Ultimate 8x8 payload hauler. Independent hydraulic motors per wheel, Hook & Lift system.

Payload Front and Rear Car	5,000 lb
Passengers	4 (2+2)
Engine	Cummins 173 hp
Drive Range	186 miles (300Km)
Amphibious	Yes



FT5 WAGON (8x8)

Maximum passenger capacity for large crews — 16 seats with full climate systems.

Passengers	16 (4+12)
Payload Front and Rear Car	4000lb
Engine	Cummins 173hp
Drive Range	186 miles (300KM)
Amphibious	Yes

PLATFORMS & TRAILERS

HLP — Hook-Lift-Platform for material & cargo

DLP — Demountable-Lift Platform for survey/geotech

Trailers — Tow-behind cargo & service trailers

Winter Sled — Pull-behind cargo sled

OEM Parts — Full service & spares program

ALL FAT TRUCKS SHARE STANDARD ACROSS THE LINEUP

- ISO 3471 ROPS Certified
- Ultra-Low Pressure Tires
- 40 km/h Max Speed
- Fully Amphibious
- Single-Joystick Control
- Automatic Safety Brakes
- Hydrostatic Transmission
- EPA Tier 4 / Stage V





COMPACT TRACKED WORKHORSE · MADE IN SWEDEN

FORGED IN IRON, BORN TO ROAM

OVERVIEW

WHEN WHEELS RUN OUT

The IronHorse is a compact tracked transport vehicle engineered for terrain that stops larger machines. Swedish manufacturing quality, ultra-low ground pressure rubber tracks, and a modular accessory system make it the go-to platform for forestry, geotechnology, arborists, and field crews.

Three core models — Flex, Flex 2, and Essence — plus the AVEQUS Pro Flex 2 timber trailer by Avestavagnen, which transforms the Flex 2 into a complete mini-forwarder with radio-controlled hydraulic crane and AVG08 grapple.

APPLICATIONS

- Forestry
- Geotechnology
- Fire Fighting
- Contractors
- Arborists
- Park / Facility
- Hunting
- Military

FLEX

All-round tracked workhorse with flexible tool-mount

FLEX 2

Radio-controlled hydraulic winch & enhanced balance

ESSENCE

Hydrostatic, twin-cylinder Honda, full radio remote control

AVEQUS PRO FLEX 2

Timber Trailer · Remote Control · AVG08 Grapple





MODELS AVAILABLE



FLEX

All-round tracked workhorse. Flexible toolmount, HD rubber tracks, full accessory compatibility.

Load Capacity	1,100 kg
Engine	Honda GX270/390
Speed	7 km/h
Hydraulics	18 l/min @ 140 bar
Weight	480 kg
Traction Force	900 kg



FLEX 2

Advanced Flex with radio-controlled hydraulic winch, improved balance, enhanced hydraulic performance.

Load Capacity	1,100 kg
Engine	Honda GX270, 9 hp
Speed	7 km/h
Hydraulics	22 l/min @ 160 bar
Weight	520 kg
Power-Winch	900kg traction force, 20m



ESSENCE

Flagship model. Hydrostatic transmission, twin-cylinder Honda, dynamic chassis, radio remote control.

Load Capacity	1,100 kg
Engine	Honda iGX800, 25 hp
Hydraulics	45 l/min @ 180+ bar
Weight	700 kg
Transmission	Hydrostatic
Radio Range	~100 m



AVEQUS PRO FLEX 2 TRAILER

MINI-FORWARDER CONVERSION

Compatible trailer by Avestavagnen (Sweden). Transforms the IronHorse Flex 2 into a complete mini-forwarder with a radio-controlled hydraulic crane, AVG08 grapple, and Robson drive. Direct-fit with mounting kit.





HYBRID POWER FUEL-FREE OPERATIONS

POWER WHERE THE GRID CANNOT REACH

OVERVIEW

ZERO EMISSIONS. CONTINUOUS OUTPUT.

RufDiamond's Batt Pack series delivers fuel-free portable power for demanding field applications. Pure sine wave output, operable at $-50\text{ }^{\circ}\text{C}$, chargeable via solar, alternator, or grid. Military-approved and trusted across mining, utilities, geotechnology, and construction — with zero emissions and minimal maintenance.

Five capacity tiers from 3 kW to 150 kW cover everything from sensitive instrumentation to full diesel-generator replacement and high-impact industrial loads.

APPLICATIONS

- Construction
- Gas & Utility
- Mining Operations
- Transit Operations

-50 °C RATED

Cold-weather kits available

LIFEPO₄

Long-life lithium chemistry

PURE SINE WAVE

Safe for sensitive instruments

MADE IN CANADA

Military-approved & fieldproven



BATT PACK ENERGY **3 kW**

CONTINUOUS OUTPUT



Lightweight portable power for sensitive instruments, communications, and field tools.

Pure Sine Wave
Solar / Grid / Alt. Charging

BATT PACK PRO **5 kW**

CONTINUOUS OUTPUT



Robust portable power for tough job sites. Replaces small generators with zero emissions.

Construction / Utility
Truck-mountable

BATT PACK JUPITER **7 kW**

CONTINUOUS OUTPUT



High-performance storage for demanding industrial and commercial applications.

Industrial / Mining
High-surge capable

SPARK CUBE **25 kW**

GENERATOR REPLACEMENT



Replaces a 25 kW diesel generator. Continuous high surge power for tough environments.

Hybrid Options
Reduce fuel & maintenance

TERRA 166 kVA **166 kVA**

HIGH-LOAD INDUSTRIAL

Construction, manufacturing, and mining. Temporary power and emergency supply at scale.

Emergency Power
High -impact industrial loads



KEY QUESTIONS

WORKS IN EXTREME COLD?

Yes — operates to -50 °C. Cold-weather kits available for the most demanding conditions.

SAFE FOR SENSITIVE INSTRUMENTS?

Pure sine wave output ensures clean power for the most sensitive geotechnical equipment.

MILITARY APPROVED?

Yes. Customizable input configurations. Proven powering radios, medical gear, and drone fleets.





MOBILE CONCRETE & SHOTCRETE PRODUCTION

FRESH-MIXED, EVERYWHERE.

OVERVIEW

CONTINUOUS POUR. ZERO WASTE (NO LOST LOADS)

The Agilis BP Series delivers fresh-mixed concrete or shotcrete exactly where and when it's needed — underground, on remote surface sites, or in terrain that no conventional concrete truck can reach. Zero waste. Continuous pour capability. Consistent quality, every time.

Co-developed with Bay-Lynx and mounted on MacLean vehicles for underground deployment, the BP Series combines RufDiamond's field engineering expertise with proven partners for mining, civil, hydro, telecom and military projects.

UNDER GROUND USECASE

WHEELED · TUNNELLING

Compact wheeled chassis maneuvers through tight underground drifts. Continuous shotcrete production keeps tunnelling crews advancing — supporting ground stabilization, CRF placement, and structural pour without surface trips.

SURFACE USECASES

TRACKED · OFF-ROAD

Track-mounted platform crosses rugged terrain conventional concrete trucks can't access — hydro and telecom tower bases, remote construction projects, and military forward sites where on-demand fresh concrete eliminates haul logistics.

KEY APPLICATIONS

**UNDERGROUND
SHOTCRETE**

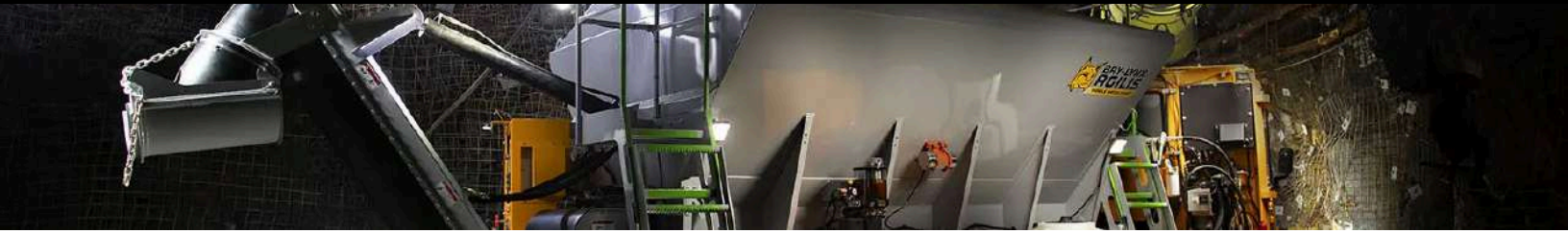
**CEMENTITIOUS
ROCK FILL (CRF)**

**REMOTE
CONSTRUCTION**

**HYDRO / TELECOM
BASES**

**MILITARY
APPLICATIONS**





MODELS AVAILABLE

AGILIS WHEELED UNDERGROUND / TUNNELLING

Compact wheeled unit for tight underground environments. Mobile, maneuverable, built for continuous shotcrete/concrete production.



Configuration	Wheeled chassis
Primary Use	Underground / tunnelling
Output Mode	Continuous pour
Co-Developed With	Bay-Lynx • MacLean
Material Support	Shotcrete – CRF – Concrete

AGILIS TRACKED SURFACE / OFF-ROAD

Track-mounted for rugged terrain. Stable, high-capacity output for remote surface construction projects.



Configuration	Tracked chassis
Primary Use	Surface / off-road
Stability	High-capacity output
Co-Developed With	Bay-Lynx
Material Support	Shotcrete – CRF – Concrete

ALL FAT TRUCKS SHARE STANDARD ACROSS THE LINEUP

- Continuous pour capability
- On-demand mix design
- Shotcrete/Concrete & CRF capable
- Bay-Lynx engineering
- Zero-waste batching
- Consistent quality output
- Field-serviceable design
- Ruf Diamond field support



**RUF
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LINEUP

- Fat Truck
- IronHorse
- Batt Packs
- Agilis Batch Plant
- OEM Parts