

Trust is not morality.
It is **ability**.

Brake, hub and engine parts for retailers, program groups and distributors worldwide — engineered, tested and documented by a team that is more than half engineers.

- IATF 16949

ISO 9001

COPPER-FREE 2025

100% ASBESTOS-FREE

SAE J1095 HUBS

ACES / PIES

PRIVATE LABEL

20+ Years supplying top U.S. and Canadian companies	50%+ Of employees are engineers	5 Product lines	12,000+ Verified SKUs, five product lines
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— THE FIVE QUESTIONS, ANSWERED

What a category buyer needs to know before a line review

Can you engineer it?	More than half our employees are engineers. We develop our own friction formulations and validate them on Link 3000 and 3900 brake dynamometers , supported by SEM microscopy, chemical analysis, hardness testing and 3D metrology — six laboratories in total. Hubs are tested to SAE J1095 . The same team has delivered wind tunnel design, build and installation projects for BMW, Hyundai and Volvo .
Can you supply it?	Annual capacity of 2,000,000 friction units, 2,000,000 brake rotors, 1,000,000 wheel hub units and around 400,000 PowerSports batteries , with engine parts running at roughly ten containers a year. Product is built at long-term partner plants in Shandong, China in which V-Trust holds strategic investments — the same lines and the same process engineers for ten to twenty years. Alternative Southeast Asian origin is available on request where tariff exposure matters.
Do you cover my parc?	12,000+ SKUs across five product lines, on 29,000+ verified vehicle applications , 1975 to present, across five product lines: brake pads and shoes, brake rotors, wheel hub units, PowerSports batteries and engine parts for Cummins, Caterpillar, Ford, GM and Mitsubishi platforms. Send your line list and we will map the gaps.
What work is on me?	Almost none. Every programme ships with ACES and PIES files, photography, MSRP and attribute feeds, and interchange against major competing brands — from one verified source, refreshed as coverage grows. Private label packaging is produced to your artwork, barcode and planogram standard. Technical questions are answered by an engineer within one business day.
Will it stay compliant?	Production runs under IATF 16949 and ISO 9001 to a specification and quality system released by our own engineering team. All friction is copper-free or low-copper (≤0.5% Cu, compliant with the January 2025 Better Brakes requirement) and 100% asbestos-free. Batch traceability runs from raw material lot to finished carton. Customer quality audits and technical visits are hosted on request.

Capacity, line by line

PRODUCT FAMILY	ANNUAL CAPACITY	NOTES
Friction — pads and shoes	2,000,000 units	Ceramic, semi-metallic, premium and organic; low-copper or copper-free, 100% asbestos-free
Brake rotors	2,000,000 units	OEM-spec balanced and coated, plus slotted and drilled performance rotors and rear drums
Wheel hub units	1,000,000 units	Entry, coated and premium tiers with OE-grade ABS sensors, tested to SAE J1095
PowerSports batteries	~400,000 units	Motorcycle, ATV, marine and small-engine batteries, plus VT12000 / VT13600 jump starters
Engine parts	~10 containers	Cummins, Caterpillar, Ford, GM and Mitsubishi platforms, built to OE drawings

What we can commit to before you ask

TERM	STANDARD
Minimum order	One 20-ft container
Lead time — first / new order	60–90 days from confirmed order to shipment
Lead time — repeat orders	30 days to ship on stocked SKUs, excluding ocean transit
Primary origin	Shandong, China — long-term partner production base
Alternative origin	Southeast Asian sourcing available on request, quoted per programme
Incoterms	FOB, CIF and DDP quoted per port and per programme
Packaging	V-Trust branded, private label or your own artwork; retail-ready cartons, master carton and pallet configuration to your standard
Labelling	UPC/EAN, retailer-specific label formats, multi-language packaging for export markets
Documentation	Commercial invoice, packing list, certificate of origin, HTS classification support, compliance declarations
Quality documents	Test reports, material certificates, batch traceability, documented corrective action

Terms are set per programme. Send the volume, the ports and the service level you need and we will quote against them.

Trust is not morality only — it is **ability**.

THE V-TRUST OPERATING PRINCIPLE

— PRODUCT LINES

Complete brake, chassis and diesel engine coverage

LINE	FORMULATION / TYPE	BEST FOR	COMPLIANCE & TESTING
VTCRD Ceramic	Ceramic, low dust, shimmed	Daily drivers, quiet comfort	Copper-free 2025 · asbestos-free · dyno validated
Semi-metallic	Steel-fibre reinforced	Trucks, fleets, towing	Low-copper · asbestos-free
Premium / organic	OE-comparable & NAO blends	OE replacement, light vehicles	Copper-free 2025 · asbestos-free
Brake Rotors	OEM-spec / slotted & drilled	Complete friction kits	Balanced · anti-rust coated
Wheel hub units	Entry / coated / premium	Domestic & import platforms	SAE J1095 · 100% ABS sensor inspection
Engine parts	OE-drawing components	Cummins / CAT / Ford / GM / Mitsubishi	IATF 16949 production

— WHAT WE TEST

- ✓ **Friction level & wear** — Link 3000 / 3900 dynamometer
- ✓ **Noise characterisation** — Link 3900 dynamometer
- ✓ **Material structure** — SEM microscopy
- ✓ **Copper & chemistry** — chemical laboratory
- ✓ **Dimensional accuracy** — 3D coordinate measuring
- ✓ **Hardness, shear, compressibility** — mechanical lab
- ✓ **Hub durability & sealing** — SAE J1095 programme

— THE FIRST 90 DAYS

- ✓ **Scope** — your line list mapped against 12,000+ SKUs and 29,000+ verified applications, gaps highlighted
- ✓ **Samples & data** — physical samples with the dyno, wear, noise and dimensional reports behind them
- ✓ **Costing & catalog** — landed cost by port, private-label artwork, ACES/PIES files, photography and MSRP data
- ✓ **Launch** — initial fill shipped container-direct to your DCs, then 30-day repeats on stocked SKUs

— NEXT STEP

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Send the category, the coverage gap and the timeline. If we are not the right supplier for it, I will tell you in the first reply. Full engineering data, capacity detail and our live fitment database are available at vtrustcorporation.com with partner access.

V-Trust Corporation · Head office: Markham, Ontario, Canada · Customer support: California, USA · Production base: Shandong, China. Figures in this document are current as of 2026 and are provided for evaluation purposes; final terms are confirmed per programme.