



LIFTING EQUIPMENT

A RELIABLE, POWERFUL AND LONG-LASTING SOLUTION

MANEUVER
MOVE
LIFT



ABOUT VULCAN

Established in Montreal since 1964 and renowned for the robustness of its products, Vulcan Hoist Company is the only Canadian manufacturer of electric chain hoists, trolleys and winches.

Vulcan offers a complete range of manual hoisting products and sets itself apart by its commitment to superior service as well as its ability to manufacture customized products to meet specific customer needs.

DISTRIBUTION :

Vulcan products are sold throughout North America through a network of distribution partners.

VISION :

Be the unrivaled leader of the Canadian lifting equipment industry. We are committed to providing our customers with excellent service and competitive products they can always count on. We strive to create a world in which Vulcan is recognized as the benchmark for lifting equipment, thanks to our commitment to quality, reliability and customer satisfaction.

MISSION :

Our mission at Vulcan is to make our customers' day-to-day work easier by providing high-performance, reliable lifting equipment, in any industry. We are committed to making products available at competitive prices, without compromising on quality or safety. At Vulcan, we recognize the importance of needing equipment on short notice. We strive to meet the needs of each of our customers by offering tailored solutions, while ensuring their long-term satisfaction.

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Legend (industries benefiting from Vulcan products)



After being on the market for over 40 years, the NOVA series is the embodiment of reliability. Offering not only excellent value for money, NOVA hoists and lifting accessories are now synonymous with durability and versatility. When choosing NOVA, you are choosing a tried-and-tested solution that will keep your operations running smoothly.

Benefits :

- Excellent value for money.
- Increased safety thanks to optional overload protection (OLP) for hoist and ratchet puller.
- Rapid availability of spare parts on all products in the series.
- Customized nameplate option.



CHAIN HOIST

(WITH OR WITHOUT OVERLOAD PROTECTION)

CAPACITIES: 500 KG (0.5t) TO 20,000 KG (20t)

- Triple spur gear.
- High-quality hardened alloy steel chain.
- Lightweight for easy handling.
- Zinc-treated manual chain, 3' shorter than lifting chain.
- Hardened forged steel hooks.
- Safe orange colour with capacity markings.
- Compliant with ASME B30.16 standard.



RATCHET PULLER

(WITH OR WITHOUT OVERLOAD PROTECTION)

CAPACITIES: 250 KG (1/4t) TO 6,000 KG (6t)

- Triple spur gear.
- Lifting chain guide.
- One-hand operation of disengagement mechanism.
- Hardened alloy steel chain.
- Hardened steel hooks.
- Steel swivel hook with safety latches included.
- Compliant with ASME B30.21 standard.



ADJUSTABLE TROLLEY

CAPACITIES: 1,000 KG (1t) TO 5,000 KG (5t)

- Fast and safe installation.
- Anti-fall stops.
- Cast-iron wheel.
- Ball bearings.
- Compliant with ANSI B30.17.



PUSH OR GEARED TROLLEY

(AVAILABLE IN EXTENDED VERSION)

CAPACITIES: 1,000 KG (1T) TO 5000 KG (5T)

- Anti-fall stops.
- Cast-iron wheel.
- Ball bearing.
- Compliant with ANSI B30.17 standard.

LOW HEADROOM TROLLEY

(AVAILABLE IN PUSH AND GEAR VERSIONS)

CAPACITIES : 500 KG (0.5t) TO 5,000 KG (5t).

- Cast-iron wheel.
- Anti-fall stops.
- Compliant with ANSI B30.17 standard.

BEAM CLAMPS



BEAM CLAMP(NBC)

- 1t to 10t

LIFTING CLAMPS



HORIZONTAL PLATE CLAMP (NHJ)

- 1t to 2t



HORIZONTAL PLATE CLAMP (NHP)

- 0.75t to 2t



DRUM LIFTER (NDL)

- 1t



UNIVERSAL CLAMP (NUC)

- 0.8t to 3t



VERTICAL CDE CLAMP (NVC)

- 0.8t to 5t



LIFTING CLAMP (NLC)

- 1t to 5t



Compact, safe and extremely robust, the hoists and levers in the Mini XT range have what it takes to tackle the toughest jobs in any environment.

Made of stainless steel, XTS hoists are hygienic and corrosion-resistant. They are the perfect choice in environments where hygiene is paramount, or for use in damp and/or corrosive environments.



CHAIN HOIST

CAPACITIES: 250 KG (1/4t), 500 KG (1/2t), 1,000 KG (1t), 1,500 KG (1.5t), 2,000 KG (2t) AND 3,000 KG (3t).

- Lightweight and compact.
- Grade 100 zinc-plated chain.
- Aluminum alloy assembly cover.
- Drainage channels for outdoor use.
- Compliant with ASME B30.16 standard.
- Overload protection included starting at 1000 KG (1t).



RATCHET PULLER

CAPACITIES: 250 KG (1/4t), 500 KG (1/2t), 750 KG (0.75t), 1,500 KG (1.5t) AND 3,000 KG (3t).

- Lightweight and compact.
- Grade 100 zinc-plated chain.
- Aluminum alloy assembly cover.
- Complete with carrying pouch.
- Compliant with ASME B30.21 standard.



XTS - STAINLESS STEEL CHAIN HOIST AND PUSH TROLLEY

CAPACITIES: 250 KG (1/4t), 500 KG (1/2t), 1,000 KG (1t), 1,500 KG (1.5t), 2,000 KG (2t), 3,000 KG (3t) AND 5,000 KG (5t).

- 1/4t to 5t.
- AISI 304 stainless steel hoist.
- Stainless steel lifting chain and hand chain.
- Mechanical parts lubricated with food-grade grease (in compliance with NSF-H1 standards).
- Automatic double ratchet brake system.
- Overload protection included.
- Chain hoist compliant with ASME B30.16 standard.
- Trolley compliant with ASME B30.17 standard.



The toughest chain hoists and ratchet pullers in the industry. Vulcan Hoist-Palan is proud to present its new line of heavy-duty manual hoists: Vulcan MAX.

Designed to excel in the most extreme conditions, these chain hoists and ratchet pullers are built from top-quality components, offering unrivaled service life.

Benefits :

- Designed for the most demanding applications.
- High-quality construction for unmatched durability.
- High equipment availability.
- Overload protection.



RATCHET PULLER

CAPACITIES: 800 KG (0.8t) TO 12,000 KG (12t)

- Cold-forged gears for extended durability.
- Nickel-plated chain for enhanced corrosion resistance.
- Mechanical load brake to hold a stationary load in any position.
- Forged steel hook.
- Overload protection.
- Compliant with ASME B30.21.



CHAIN HOIST

CAPACITIES: 1,000 KG (1t) TO 20,000 KG (20t)

- Nickel-plated hand chain.
- Nickel-plated lifting chain for enhanced corrosion resistance.
- Double ratchet braking system for added safety.
- Chain guide for smooth operation.
- Mechanical load brake to hold a stationary load in any position.
- Compliant with ASME B30.16.



Made in Japan using a die-forging process, SUPER clamps stand out thanks to their exceptional quality and durability. These clamps are sure to improve the efficacy and safety of your operations, whether on your worksite or in your factory.

Benefits :

- Exceptional durability thanks to die-forging.
- Increased strength to prevent load slippage and equipment breakage.
- Increased safety thanks to superior strength.
- Compliant with ASME B30.20.



SCREW CAM CLAMP (SCC)

- 0.5t to 6t



LATERAL LIFTING CLAMP (HLC-H)

- 0.5t to 6t



CAM CLAMP CLAMP UNIVERSAL LINK (SUC)

- 0.5t to 3.2t



SCREW CAM CLAMP-DOUBLE EYE (SDC-S)

- 0.5t to 6.3t



VERTICAL LIFTING CLAMP (SVC-H)

- 0.5t to 5t



VERTICAL LIFTING CLAMP WITH STOPPER (SVC)

- 1t to 5t



VERTICAL LIFTING CLAMP WITH UNIVERSAL SHACKLE (SVC-E)

- 0.5t to 2t



VERTICAL LIFTING CLAMP WITH REMOTE CONTROL (SVC-L)

- 0.5t to 3t

EXOSET LIFTING CLAMPS



ADVANCED SAFETY

The EXOSET universal lifting clamp from SpanSet stands as the most advanced to date. Manufactured in Europe, this universal clamp boasts the ability to lift loads of various materials, including hard metal, standard metal, and stainless steel. Going above and beyond industry safety standards, the EXOSET ensures a secure lifting operation with each use.

Benefits :

- Nominal load limit indicator: easily identifiable with a contrasting color in two locations on the clamp (lifting ring and top of the clamp).
- Robustness: each clamp undergoes rigorous testing, reaching up to twice the nominal load limit, ensuring exceptional reliability.
- Proven durability: tested in a vertical position, the EXOSET allows for up to 2,000,000 lifts.
- Nominal load flexibility: with a minimal required nominal load limit of only 10% of the maximum limit, the EXOSET offers great versatility.
- RFID technology for enhanced traceability.
- Complies with ASME B30.20 Standard.

MODELS TAILORED ACCORDING TO LOAD METAL TYPE

500KG (0.5t) TO 6,000 KG (6t) / 500 KG (0.5t) TO 6,000 KG (6t)

- Standard Metals (maximum hardness of 348 Brinell HB): EVU.
- Hard Metals (maximum hardness of 430 Brinell HB): EVU H.
- Stainless Steel (maximum hardness of 348 Brinell HB): EVU S.



3t.



5t.



6t.



The EXOSET universal clamp not only ensures exceptional safety but also provides unmatched versatility, meeting the industry's strictest requirements.





VULCAN ELECTRIC HOISTS - CUSTOM-BUILT IN CANADA



DURABLE AND SAFE

Renowned for their unmatched robustness, Vulcan electric hoists have what it takes to meet your specific operational needs. Their Canadian engineering allows for rapid delivery, and our permanent inventory of spare parts is at your disposal should you ever need it. Vulcan electric hoists are also equipped with safety features that exceed minimum industry standards.

Vulcan also offers custom solutions, while maintaining fast delivery times. Choose your desired capacity and voltage, then customize your hoist to perfectly align with your work environment.

Canadian manufacturing:

Benefit from incomparable delivery times thanks to Canadian design. "Unavailability" is not part of our vocabulary at Vulcan. Spare parts are always in stock to ensure minimal disruption to your operations in the event of a mishap.

Safety is our priority:

Several features are offered to ensure the safety of your teams: safety stop, overload protection, thermal protection and a self-locking hook. All Vulcan electric hoists meet or exceed industry norms and standards (CSA C22.2 NO. 33, UL STD. 1340 & 1004-1 compliant, and ASME B30.16).

A hoist designed for you:

Can't find what you're looking for among our existing models? Custom solutions are available. Our teams are ready to design the perfect hoist for your needs, in record time!



CAPACITIES : 1/4T, 1/2T, 1T, 1.5T, 2T, 3T, 5T, 10T, 15T
VOLTAGES : 115/1, 230/1, 230/3, 460/3, 575/3

Options :

- Zinc-plated chain and hook.
- TENV and TEFC motor.
- Ventilated motor.
- Thermal protection.
- Overload protection.
- Inverted hoist.
- Tandem hoist.
- Etc.



CSA wireless controller
AVAILABLE

Visit: vulcanhoist.com/eng/configurator/hoist
today to create the perfect hoist for your lifting applications.



GIS ELECTRIC HOISTS



Our top-of-the-line hoists are here to back you up through your most rigorous operations!

The result of Swiss engineering, GIS* hoists offer optimum performance in all types of environment, thanks to their IP65 protection, making them resistant to water and dust.

MODELS AND CAPACITIES: GPM250: 320 KG, GP250: 400/630 KG,
GP500: 800/1,250 KG, GP1000: 1,600/2,500 KG, GP1600: 2,500/4,000 KG,
GP2500: 3,200/6,300 KG
VOLTAGES : 110/1, 230/1, 230/3, 460/3, 575/3

Benefits :

- IP65 protection - for use under harsh weather conditions.
- Small footprint - for use in confined spaces.
- Designed for intensive applications.
- Compact and lightweight for easy installation.
- Increased safety thanks to overload protection on all GIS models.
- Two speeds available (three-phase power supply) for load-specific lifting.



EXPLOSION PROOF (ATEX)



CORROSION RESISTANT (FOOD GRADE)



GPM250 small but mighty

As small as a shoebox and weighing just 37 lbs, the GPM250 isn't imposing in size, but it is built to be tough!



VULCAN ELECTRIC TROLLEYS - CUSTOM-BUILT IN CANADA



DURABLE AND SAFE

Just as robust as our electric hoists, Vulcan Electric Trolleys stand out for their solid and durable construction. Machined and case-hardened steel wheels and gears guarantee exceptional wear resistance. With a dual-bolt design (three bolts for the 10t model), enhanced safety is guaranteed with each operation.

The real power of Vulcan electric trolleys lies in their adaptability to your specific needs. Every trolley is custom-built to meet your requirements, thus ensuring an optimal solution for your operations.



**CAPACITIES : 1,000 KG (1t), 2000 KG (2t), 3,000 KG (3t), 5,000 KG (5t)
AND 10,000 KG (10t)**

VOLTAGES : 115/1, 230/1, 230/3, 460/3, 575/3

Features and Benefits :

- Hardened steel wheels for durable performance.
- Sealed steel ball bearings.
- Integrated bumpers and fall arrests for increased safety.
- Single or dual-speed motors.
- Up to 12 travel speeds for superior maneuverability.
- Compliance with the strictest safety standards (ANSI/ASME B30.17, CSA C22.2 NO.33, UL 1004-1 and UL 1340).

Options :

- Small footprint
- Hour and cycle counter
- Brake motor
- Radio control
- Warning light
- Alarm / Horn
- NEMA 4 pendant
- NEMA 4 & NEMA 12 control box.



DURABLE AND SAFE

Vulcan electric winches are powerful and dependable pieces of equipment designed to meet various industrial requirements. Manufactured to the highest quality standards, these hoists are renowned for their strength, durability and user-friendly operation. Whether you're on a construction site, in a factory or elsewhere, Vulcan electric winches are designed to efficiently and confidently handle all your lifting and pulling needs.

PULLING CAPACITY : UP TO 3,175 KG
LIFTING CAPACITY : UP TO 2,449 KG
CABLE LENGTH : UP TO 440 FEET (134.11 METERS)

Features and Benefits :

- Fully lubricated gears in a sealed oil bath - reduces wear and extends the service life of the hoist.
- Sealed and ventilated brake motor (TEFC) - allows for usage in dusty environments.
- Thermal overload relay - protects the motor in case of mechanical and/or electrical overload.
- Aircraft grade steel cable - ensures exceptional performance and superior longevity.
- Large diameter seamless steel drum - uniformly winds the cable, ensuring smooth operation.
- Compact and sturdy design - withstands the most demanding industrial conditions.
- Automatic release electromagnetic brake - ensures a secure stop when lifting loads.
- Sealed ball bearings - for smooth and efficient drum rotation.
- Ground or vertical installation - allows for more versatility.
- Corrosion and weather-resistant paint - protects your hoist in various environments.
- Compliant with ASME B30.7 Standard - for safe usage.

Options :

- Voltages: 1 Phase 115V and 230V.
- Voltages: 3 Phases 230V, 460V, and 575V.
- IP55, IP65 protection ratings.
- NEMA 4 control box.
- Limit switch.
- Hoist mounted on steel beams.
- Corrosion and weather-resistant epoxy paint.
- Grooved drum / cable guide.
- VFD: adjustable frequency drive.



ENGINEERING SERVICES

The engineering department, central to Vulcan Hoist, is committed to enhancing the safety and performance of our lifting products. Constantly striving to innovate, our team offers personalized assistance to tailor our products to your reality. Rely on Vulcan's engineering expertise and gain access to dependable, comprehensive hoisting solutions designed for your specific needs.

OFFERED SERVICES :



Custom electrical panels :

- Ensuring compliance with UL 508A and CSA C22.2 no.286 standards.

New product exploration:

- Sourcing and supplier research.
- Manufacturer qualification.
- Product testing to ensure compliance with current standards.
- User manual creation.
- Etc.

Special projects :

- Feasibility studies.
- Complex system design.
- Manufacturing of:
 - Controls for tandem lifting operation.
 - Human-Machine Interface (HMI).
 - Variable Frequency Drive (VFD) motor control.

Modification of existing products:

- Adaptation for specific applications such as synchronized hoists, VFDs, etc.

Technical support:

- Technical drawings.
- 3D models.
- Etc.



MAINTENANCE - REPAIR - RECERTIFICATION

Our lifting equipment repair workshop is staffed with passionate technicians possessing in-depth expertise. Our team excels in problem diagnosis, hoist repair, and recertification to ensure optimal functionality of your equipment.

Prioritize the safety of your personnel by scheduling the annual inspection of your lifting equipment in your calendar today. These inspections not only swiftly identify potential issues but also significantly contribute to safeguarding your teams and maintaining a secure working environment.







Contact your Vulcan Hoist-Palan advisor for more information or for assistance in choosing a product. Find instructions for use, characteristics and dimensions of the products on our website.

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**PROUD TO BE CANADA'S ONLY
MANUFACTURER OF ELECTRIC HOISTS**