VAN LEUSDEN®

PRODUCT GUIDE



SPARK RESISTANT MANUAL CHAIN HOISTS & TROLLEYS

Spark resistant hoists...

You can rely on the safety of Van Leusden's hoists with their spark-resistant equipment, rated to meet any need. From maritime and dredging, to offshore oil and gas, to onshore oil and gas, to chemical manfuacturing — Van Leusden has you covered.



VLLB Lever Hoist
ATEX Zone 2

FEATURES
- Equipment class:
    - Gas EX II 3G h IIB T3 Gc (zone 2)
    - Dust EX II 3G h IIIB T200 C (zone 22)
- Smooth & easy freewheel operation
- Bronze coated hooks & chain guide

AVAILABLE IN
- 3/4 to 9 metric tonne capacity
- With slip clutch overload limiter
- With overload signal

VLCB Hand Chain Hoist
ATEX Medium

FEATURES
- Equipment class:
    - Gas EX II 2G h IIB T3 Gb (zone 1)
    - Dust EX II 2D h IIIB T200 C (zone 21)
- Low hand-force operation
- Durable, high-impact steel housing
- Standard slip clutch with overload protection
- Bronze coated hooks

AVAILABLE IN
- ½ to 50 metric tonne capacity
- Equipment class:
    - Gas EX II 2G h IIC T3 Gb (zone 1)
    - Dust EX II 2D h IIIC T135 C Db (zone 21)

...with the trolleys to match

The reliability, operational smoothness, and safety of your hoists also depends on the trolley. Sealed bearings with lifetime lubrication, low-turn radius, and a unique three bolt design helps ensure stability and safe operation on all our manual trolleys.



HD3C Push/Pull Trolleys
ATEX Medium

FEATURES
- Equipment class:
  - Gas EX II 2G h IIB T4 Gb (zone 2)
  - Dust EX II 2D EX h IIIB T135 C Db (zone 21)
- Rubber bumpers
- Wheel break support and anti-tilt device

AVAILABLE IN
- 1/2 to 30 metric tonne capacity
- Equipment class:
  - Gas EX II 2G h IIC T4 Gb (zone 1)
  - Dust EX II 2D h IIC T135 C Db (zone 21)
- Solid bronze wheels

HD3C Geared Trolleys
ATEX Medium

FEATURES

Equipment class:
  - Gas EX II 2G h IIB T4 Gb (zone 2)
  - Dust EX II 2D EX h IIIB T135 C Db (zone 21)
- Rubber bumpers
- Wheel break support and anti-tilt device

AVAILABLE IN
- 1/2 to 30 metric tonne capacity
- Equipment class:
  - Gas EX II 2G h IIC T4 Gb (zone 1)
  - Dust EX II 2D h IIC T135 C Db (zone 21)
- Extended chain wheel drive
- Stainless steel hand chain
- Solid bronze wheels

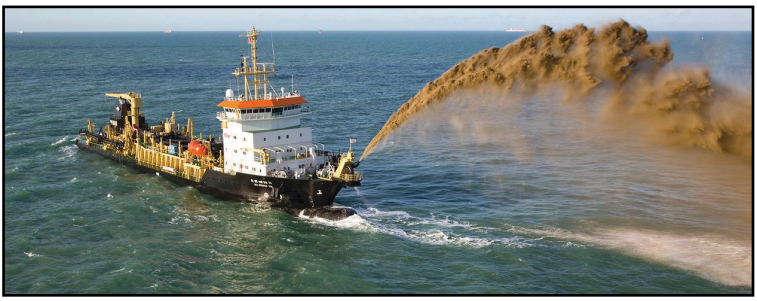
OUR INDUSTRIES

Van Leusden specializes in the design, manufacture, delivery, installation, and commissioning of lifting equipment. Our product range varies from standardized trolley/hoist units to complete custom made crane systems for unique applications. Our customers can be found worldwide and are active in many specialized markets: maritime & dredging, offshore oil & gas, onshore oil & gas, and chemical. Precisely where the circumstances call for safe, reliable, and durable design – Van Leusden has your back.

We can help you with shipboard cranes, engineroom cranes, pumproom cranes, swinging beam cranes, and all kinds of hoists & trolleys: manual driven, friction drive, rack-and-pinion drive or even chain drive. From 0.5 tonne workload to 100 tonne workload, and with certification or classification by BV, Lloyds, DNV, ABS or RMRS. We offer packing, export, documentation, SDRL's, as well as installation and commissioning.

We can handle it all.

MARITIME & DREDGING



OFFSHORE OIL & GAS



ONSHORE OIL & GAS, CHEMICAL



What is ATEX?

ATEX is a certification outlined by the European Union directives. Equipment that is ATEX certified has gone through rigorous testing and proved safe to use in specific environments with explosive atmospheres, according to the specific zone(s) they are certified to be used in.

Only three things are needed to create an explosion:

- air
- an ignition source
- one of the following three substances:
  - flammable gases
  - mists or vapor
  - combustible dust

Products that have received ATEX certification will have the official “Ex” badge, indicating they are safe in explosive atmospheres.

Typical ATEX and IECEx Marking [* ATEX only]



1. Complies with European Directive*
2. Notified Body Number*
3. Specific Marking for Explosion Protection*
4. Equipment Group*
5. Equipment Category*
6. Environment*
7. Explosion Protection
8. Type of Protection
9. Gas Group
10. Temperature Class (T1-T6)
11. Equipment Protection Level



VAN LEUSDEN®

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BURNABY, BC
V5C 3V6

EASTERN CANADA

4-3660 ODYSSEY DR
MISSISSAUGA, ON
L5M 0Y9

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