



TRIMATE
i n d u s t r i e s

DEMAG
.....
Cranes & Components

CONDUCTIX
wampfler
© DELACHAUX GROUP

Flexible Cables



Trimate Industries is proud to represent Demag and Conductix Wampfler in New Zealand.

DEMAG
Cranes & Components

Demag products provide a comprehensive range of specialised equipment solutions for material flow in production and storage, lifting requirements and drive applications for companies of all sizes – from small workshops to major industrial enterprises.



Conductix-Wampfler is the world's leading supplier of mobile energy supply and data transmission systems. We can supply standard and customised festoon systems, conductor rails, energy guiding chains, spring cable reels, motorized cable reels, slip ring bodies and contactless power transmission systems.

Flexible Cables

Trimate Industries stock and supply a wide range of high-quality standard and custom-made flexible cable solutions and accessories that enable us to provide a complete materials handling solution.

For more comprehensive information and specifications on any of the products featured in this brochure contact Trimate Industries.

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Trimate Industries, a name closely associated with material handling and power transfer for the last 20 years, is pleased to announce their return to the industry. With a combined 75 years experience our team offers the very best service, advice and products available.

Our product range includes Demag, a brand sold and supported in New Zealand since the 1920's. Demag hoists have an unrivalled reputation for quality, longevity (there are Demag hoist installations still in use after more than 50 years of service) and excellent value for money in the long-term.

We also represent Conductix-Wampfler (formerly Insul-8), another well-established product range sold here since the 1960's. Conductix-Wampfler energy supply and data transmission systems includes busbars rated to 6000 amps, festoon systems, cable reels, hose reels, slip rings, drag chains and safety switches.

To compliment these products we also stock and supply an extensive range of flexible cables covering every need from round or flat, PVC or neoprene and power or control.

Contact our sales or technical staff for help and advice with your requirements from our range of industry proven, top quality products with an unrivalled reputation for performance and reliability.



DEMAG DC PRO CHAIN HOIST

More power – fast and precise, that's the Demag DC chain hoist with two lifting speeds as standard.

- **All inclusive** – the DC chain hoist features 24 volt contactor control, operational limit switches and a control pendant cable adjustable to any height.
- Ergonomic interface between operator and hoist with the new DSC control pendant.
- **Plug and lift** – the DC chain hoist is ready for use, all connections are simply plugged in, thus “plug and lift” becomes reality.
- **Longer service life** – Classification rated at SAA M5+, which means 20% more service life in practical application. The gearbox, brake and coupling work without the need for any maintenance for up to ten years;
- **Service friendly** – a service engineer can determine all relevant operating parameters via a diagnostic interface and a separate elapsed operating time counter.
- **Spare Parts ‘Sets’** - Ensuring all like wearing parts are replaced together saving maintenance cost and downtime.



DEMAG
Cranes & Components

Applications

KBK LIGHT RAIL SYSTEMS

Single and Double Girder Suspension Cranes from the KBK crane construction kit are used for fast and safe area-serving overhead handling and exact positioning of a wide variety of goods.

Easy and cost effective KBK classic single and double girder cranes can be simply suspended from the building roof or superstructure. Additional supports for the crane runway are not necessary. Even partial areas of a workshop may be easily fitted with suspension cranes at a low cost.

Smooth and reliable handling thanks to their low deadweight and free-running trolleys, the cranes allow heavy and awkward components to be moved quickly and easily by hand.



MANULIFT - TYPE DCM/DCMS

- Energy-saving workplace hoist for one-handed operation.
- High speed hoist with integrated spade-type handle and rocker switch for left and right hand operation.
- Available with two fixed speeds or infinitely variable electronic speed control.
- Integrated quick-change coupling for various load handling attachments from the standard range (load hook, pantograph-type tongs etc.) or special customer-designed attachments.



KBK JIB (WALL AND COLUMN MOUNTED)

Wall mounted slewing jibs (type WSK) have the decisive advantage that they do not take up any floor space. They can be mounted on walls, workshop columns or machines. Loads up to 1000kg and 6m radius as standard.

Pillar mounted slewing jibs (type SSK) are characterised by the fact that they can be installed practically anywhere. They are completely free standing and are ideally suited as workplace cranes, for outdoor storage yards and loading docks. (Can be attached to existing concrete floors.)



CHAIN HOISTS AND TROLLEYS

SMOOTH AND QUIET OPERATION

- RU/EUDC monorail hoist with push travel or electric trolley.
- Capacity up to 5000kg
- Up to 310mm flange width (larger by request)

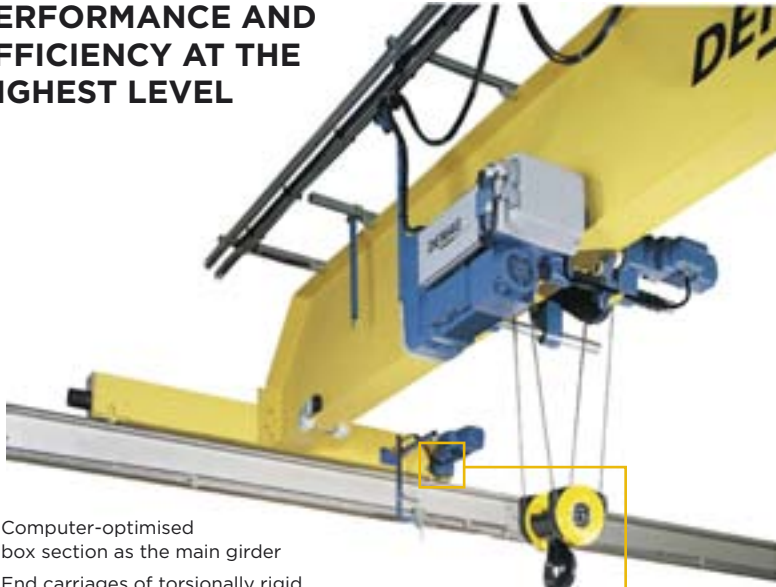
LOW HEADROOM RK/EKDC

- This compact monorail trolley with extremely low headroom enables optimum hook path; load capacity range to 4000 kg.



DEMAG STANDARD CRANES

PERFORMANCE AND EFFICIENCY AT THE HIGHEST LEVEL



- Computer-optimised box section as the main girder
- End carriages of torsionally rigid, welded box girder construction
- Travel wheels of highly resistant GGG 70 spheroidal cast iron fully enclosed with self lubricating properties
- Crab of low-headroom design chain or wire rope hoist, offering particularly favourable hook approach dimensions to serve the largest possible area
- Power supply to the crab via high-flexibility flat cable with protective earth conductor
- Control pendant suspended for separate travel on the crane girder, with display for information monitoring
- Optional radio remote control with information display and proportional pushbuttons
- Information display available on all cranes with CANbus control system (either pendant or radio control)



DEMAG
Cranes & Components



DR WIRE ROPE HOIST

THE NEW STANDARD FOR ROPE HOISTS

- Optimised for crane applications, the new DR rope hoist meets all the requirements for state-of-the-art hoists for tomorrow's needs.
- Besides the space-saving design, load spectrum recording and a particularly long service life of M5+ (=1900 hours), it also offers higher lifting speed for faster handling rates – comprehensive standard features at an attractive price.
- A frequency inverter provides infinitely variable cross travel speeds up to 30m/min for minimum pendulation of the load
- Higher hoist speed for faster handling (Frequency inverter option)
- Compact design for optimum utilization of space
- Low-vibration, quiet running motor
- Gearbox lubricated for life
- Protective rope guide
- Electrics featuring CANbus technology
- Precision geared limit switch
- Overload protection
- Ergonomic control pendant
- User-friendly bottom block
- Design life monitoring to AS2550 (standard in CANbus models)
- Information display – (standard in CANbus models)

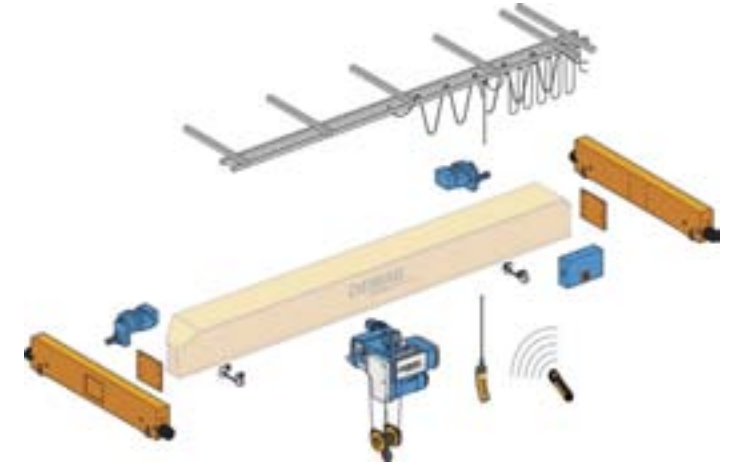


CRANE SETS

Single and double girder crane sets include high quality modular components that can be assembled efficiently for rapid and problem free construction of your overhead crane.

Features:

- Fast and easy selection
- Complete delivery from a single source
- Fast and simple assembly with pre-assembled power supply systems and plug and socket connections for all electrical equipment
- High operating reliability and long service life
- Load spectrum recording and design life monitoring standard
- Optional girder fabrication drawings
- Operating instructions and component parts lists



RADIO CONTROL SYSTEMS

A full range of wireless controls are available from Demag.

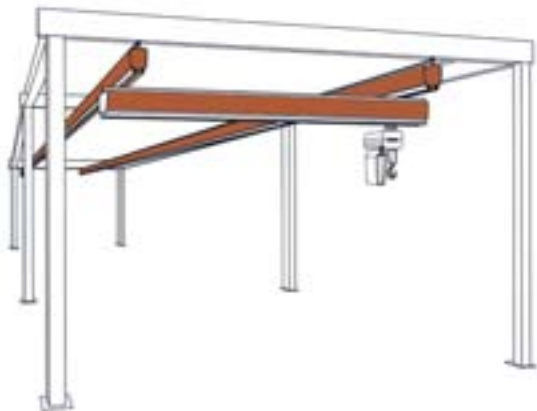
From standard new applications including information display to retro fitting radio systems to existing equipment. (Demag and other makes)

- Simple easy to read LCD display
- Wide clearly labelled push buttons
- Rechargeable long-life batteries
- Frequency hopping technology for superior signal integrity
- Impact and crush resistant housing with integrated rubber buffers



DEMAG FREE STANDING WORKSTATION CRANES

Free standing workstation cranes can be built in facilities where the workshop ceiling and roof structures cannot bear loads. Various support structures can be built quickly and safely using a range of steel superstructure components developed on a modular principle. The KBK suspension components and tracks can then be attached directly to this modular superstructure.



DEMAG MOTORS, DRIVES AND WHEEL BLOCKS

Innovative series produced wheel and drive assemblies for travel units in material handling and general engineering applications.

The wheels are enclosed on five sides, protecting the travel wheels from external mechanical influences

The housing is made of high quality, corrosion resistant, die-cast aluminium.

From size 250mm diameter, the enclosure is a spheroidal graphite iron casting with machined connecting surfaces.

Complete drive units are able to provide a solution for all the components of complex drive requirements, including the travel wheel and the housing and connecting arrangement to the gearbox and motor.



DEMAG DC - WIND CHAIN HOIST

Designed to precisely meet the needs of the wind energy industry.

Available in three sizes and featuring a hook path of up to 130 metres, the chain hoist can be used for initial equipment installations and quickly lift spare parts, equipment and tools weighing up to 1,000 kilograms directly up the outside of the wind tower.

The exceptional lift height of this hoist also makes it ideal for use in high lifting applications such as silos, towers, platforms etc.



Trimate's New Zealand wide service delivers a network of experts to keep your crane and hoist working for your business.

Contact us for:

- Breakdowns
- Re-certification and refurbishment
- General overhauls
- Installation and commissioning
- Safety inspections
- Preventative maintenance
- Fault finding and repairs
- Product and operator training
- Genuine spare parts

CABLE TROLLEYS

The Conductix line of cable trolleys includes systems designed for travel along wire rope or a track consisting of C-rails, square rails or I-beams. Conductix cable trolleys are extremely versatile and permit configuration of systems to meet virtually any specific need. Modular design makes it possible to use straight, circular and curved tracks.



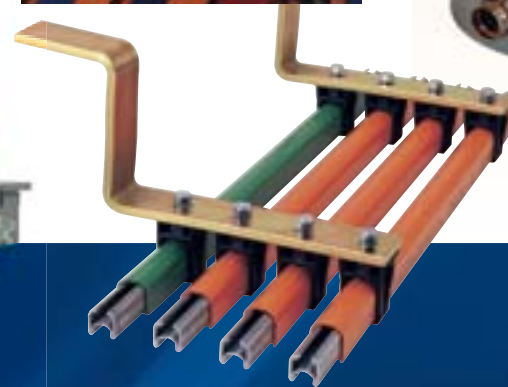
SPRING CABLE AND HOSE REELS

Conductix spring cable reels provide the optimum solution for all hoisting and material-handling applications. Rugged, heavy-duty construction guarantees exceptional reliability under extreme operating conditions.



CONDUCTOR RAILS

Conductix conductor rails are available with any desired number of poles and in any desired length, and are designed for simple, easy installation. Rails feature robust construction and are suitable for use in harsh industrial environments.



SLIP RING BODIES

Conductix slip ring bodies are used to provide power for all types of rotating consumers. Applications include slewing cranes, skimmers in sewage treatment plants, amusement park rides, pick-and-place systems, rotary tables, antennas, theatre stages, packaging machinery and cable reels.



BUFFERS

The Conductix standard range of rubber buffers, cellular buffers and hydraulic buffers provides a solution for every application including travel limitation, energy absorption, elastic installation, damping isolation and soundproofing. Special designs are also available on request.



Flexible Cables

Trimate Industries source and stock a wide variety of flexible cables for power and data transfer.

There are many applications for flexible cable and Trimate can help select the correct cable for your requirements. Whether it is a short run to a fixed motor, power to a mobile machine or screened cable for a variable speed drive or for data transmission we can recommend and supply the cable best suited to any application.

We supply cable for festoon systems, reeling drums, harbour crane baskets, pendant controls, high temperature installations, variable speed motors, submersible pumps, drag chains, airbridges, tower cranes, marine approved installations, data transfer and a wide range of other applications in round and flat options.

To compliment our range of cables we also stock accessories such as cable support grips and a selection of glands to suit round and flat or screened cables in a range of materials including polyamide, nickel plated brass and stainless steel.

Solution driven, customer orientated performance and a good sense of the market trends is what makes Trimate Industries stand out when you call with your cable requirements.



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