



ENGINEERING SOLUTIONS

a member of the **Hudaco** group

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Press Release

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Uninterrupted delivery of energy, data, air and fluid with Conductix festoon systems from Powermite

Festoon systems have the critical function of delivering essential energy, data, air and fluids to electric mobile bulk materials handling machinery. Reliability and longevity of these machines are fundamental to productivity and profitability in the sectors where they operate such as mines, quarries, stockyards, steel mills, warehouses, power plants, airports and harbours. Festoon systems, as the life blood of these machines, must therefore offer reliable and seamless operation, even under the harshest conditions.

As a specialist supplier of electrical and mechanical equipment for moving machinery to southern African industry for close on 50 years, Powermite supplies only premium, world class equipment. Conductix festoon systems are certainly no different, incorporating state-of-the-art, world-class technology that takes them to the next level in terms of quality, reliability and efficiency.

According to Powermite Managing Director, Jacques van Rooyen, above-average operational life cycles, easy installation, uncomplicated operation and cost effective maintenance are some of the key benefits offered by the Conductix festoon systems. "For our customers and end-users this translates to low operational costs and lowest total overall ownership costs."

The light, medium and heavy duty range of ISO 9001:2008 certified Conductix festoon systems features a modular design and presents an extensive array of configurations for straight runs, bends and circular configurations. This versatility makes these feeding systems ideally suited for virtually any type of moving equipment including bulk material conveyors, stackers, reclaimers, travelling hoppers, rail car dumpers, plating lines, water treatment and even car wash systems.

The design and correct alignment of the cable can have a significant influence on the performance of energy and data transmission and subsequently the cable carriers play a critical role and must be of superior quality. The compact, rugged and reliable custom-made I-Beam and C-Rail cable carriers on the Conductix festoon systems effectively and efficiently handle and protect flat and round power/data cables.

2/...Powermite_Festoon Systems



The I-Beam cable carrier has a load capacity of up to 125kg and a maximum system length of 150m and is suited for heavy duty applications such as bulk container handling by cranes typically found at ports. The C-Rail cable carrier, available in zinc-coated and stainless steel, is an ideal energy supply system for light to medium duty applications and is suitable for both indoor and outdoor use.

In addition to supplying festoons that run on diamond track or square rail which are specially engineered to prevent dirt build-up and reduce dust accumulation, a special fully imported version for explosion-proof areas is also available from Powermite.

Powermite, a Hudaco Group company, supports a complete range of cable and festoon hardware and accessories including cable guiding and anchoring devices, damping devices, junction boxes, cable connectors, organisers and clamps, connection boxes, towing clamps, reels, cable, rope and webbing plugs and end clamps.

Powermite partnered with French multinational, Delachaux, and its Conductix-Wampfler operation over 40 years ago. Powermite and Conductix-Wampfler share a combined experience of over a century in electrification systems. In addition to Conductix festoon systems, the Conductix-Wampfler agreement also sees Powermite distribute a range of Cable Reeling Drums and slip-ring housings to customers and end-users across the Southern African region.

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