



ENGINEERING SOLUTIONS

a member of the **Hudaco** group

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Press Release

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SR-Express spring cable reels from Powermite – engineered for seamless energy and data supply

The SR-Express range from Powermite, which forms part of Conductix-Wampfler's global SR series of spring cable reels, is engineered to meet the energy and data supply requirements of moving machinery including overhead bridge cranes, gantries, mobile tables, aerial ladders, lifts, elevators and elevated work platforms.

"Superior product quality is fundamental to reliable performance which in turn drives machine and plant uptime and ultimately, productivity and profitability," says Jacques van Rooyen, Managing Director of Powermite. "Consequently it is our responsibility to supply our customers with world-class products that will perform efficiently over a long life cycle and minimise OPEX to deliver lowest total cost of ownership."

Powermite partners with like-minded companies that share the same values and belief-systems and is proud to be the exclusive Southern African distributor for Conductix-Wampfler. With more than a 100 years of experience and know-how in electrification systems, this leading global designer and manufacturer is renowned for its superior quality, state-of-the-art, customised energy and data supply solutions for mobile industrial machines in the bulk materials handling sector.

The SR-Express (SR10-SR60) range combines the best qualities of Conductix-Wampfler's cable reels. All components, from the cables and cable drum to the slip rings, springs and mounting flange, are manufactured from the best and most durable materials to ensure optimum operational efficiency over a long life cycle. Smart engineering ensures that the SR-Express spring cable reels are ready for use and facilitate maintenance to minimise costs and maximise uptime. As the product is supplied with the cable already installed and connected to the slip rings, it is a simple matter of plug-and-play.

Featuring winding diameters from 170mm to 400mm, the cable drum is fitted with sealed ball bearings and is lubricated for life. The cable drum body and flanks are manufactured from robust zinc-plated steel; for operator safety, the flank edge has been designed to optimise cable arrangement during winding. The halogen-free PUR (polyurethane) cables, specifically designed for reeling applications, provide excellent wear resistance and high flexibility.

The USR heat-resistant slip rings feature a new design to facilitate and reduce maintenance. For optimal access to connection, the slip rings are located in an ABS-PC techno-polymer impact-resistant housing outside the cable drum. Protected from dust and moisture ingress, the housing features captive screws and a breather to prevent condensation.

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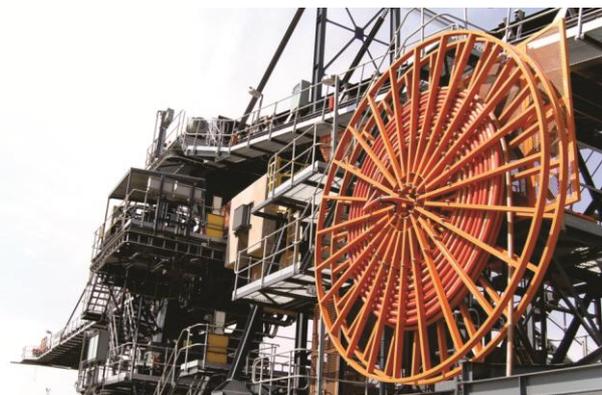
The mounting flange, manufactured from cast aluminium alloy or cast iron, has been specially designed for quick, easy and safe installation of the reel on the spring reel shaft. Arranged in series or parallel, the springs are fabricated from high-performance textured steel, lubricated with corrosion-resistant grease and individually encapsulated in a patented spring cassette ensuring safe and easy manipulation including replacement or reversal of winding direction.

Suitable for both indoor and outdoor applications, the rugged and versatile IP65 rated SR-Express range is able to withstand an impact of 20 joules. With an ambient temperature range of -20°C up to +60°C for the standard E0 environmental specification and as low as -40°C for the E1 specification, these spring cable reels will continue to deliver optimum performance even in the most stringent of conditions. An E3 option for severe conditions will be introduced at a later stage.

“We back all our products with excellent service and after-sales service delivered by our highly-trained, qualified team of technicians based at Powermite’s Gauteng head office, supported by a countrywide branch network,” concludes Van Rooyen.

Powermite, a Hudaco group company, has over four decades of experience as a specialist supplier of electrical and mechanical equipment solutions for moving machinery in bulk materials handling applications. The company’s extensive product portfolio includes cable festoon systems, festoon hardware and accessories (cable guiding, anchoring and damping devices, junction, roller and connection boxes, cable connectors, organisers and clamps) and motor-driven, level wind and manual reels and cables, hoses and accessories for reeling systems. Powermite recently expanded its basket of offerings with the launch of the cutting-edge Gen 2 plastic range as well as new metal products from its renowned AMPCO brand.

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