61 Wire ST Stranding

A COMPETITIVE ALTERNATIVE FOR STRANDING OF COPPER AND ALUMINUM CONDUCTORS

Stranding to 61 wires or 1000kcm/500mm² with the Single Twist machine provides a competitive alternative for stranding of copper and aluminum conductors. The capability of an 84in or 2.24m Single Twist machine running 750kcm compact aluminum requires the capacity of a two wire tandem wire drawing machine. Typical operating speeds are 200rpm and/or 250ft/min or whichever is limiting. Combining this capability with the 53 wire SIW specification the consequence is a flexible and cost effective manufacturing solution for 37 and 61 wire stranded conductors.

61 Wire ST Strander Machine Features

- Suitable for the unilay stranding of copper and aluminum conductors to 1000kcm or 500mm²
- Suitable also for the cabling of insulated conductors to 4/0 AWG or 95mm²
- Continuous payoffs from stems is the recommended payoff package for conductor stranding
- Dual wheel capstan integral with the flyer or optional independent capstan unit
- Independent drives throughout i.e. for flyer; capstan, traverse and take-up
- Totally enclosed sound proof enclosure with powered access doors for ease of loading and threading
- Generous wire path for low contact pressure between product and guiding system
- Integrated electrical drive and control package with auxiliary equipment to suit each application
- Options Input Wire roll form stations for traditional or Single Input Wire (SIW) compact or compressed stranded conductors

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