



AEI commissions the largest and latest strander

Associated Engineers & Industrials Ltd (AEI) has commissioned 128 (8 + 12 + 18 + 24 + 30 + 36) bobbins wire stranding cum screening machine at Universal Cables Ltd, Satna, India.

Among the largest and latest machine of its kind in the world, the machine is in operation to produce compacted copper and aluminium conductors up to 2,000mm² for extra high voltage (EHV) cables up to 400kV in a single pass.

It is also used for screening of 90 copper wires over cables up to 140mm diameter.

The machine, measuring 98m long and weighing 140tons comprises of 8, 12, 18, 24, 30 and 36 bobbins cages equipped with floor-type hydraulic batch loading system, specially designed multi-pair 210mm diameter compacting-roll heads in front of each cage, 3,600mm diameter single wheel capstan and 3,600mm diameter portal take-up stand.

This type of ASRB machine uses the latest fully automatic loaders to load or unload complete rows of 630mm bobbins (9 for 36B cage) simultaneously with the touch



▲ The new strander weighing in at 140 tons

of a button in 45 seconds, contributing to increased productivity. Other features include motorised pintles and diameter sensors on each bobbin for uniform pay-off tension throughout the stranding.

The complete line is monitored and fully interlocked for safe operation by the latest generation PLC system. The integrated

touch screen shows all prevailing production parameters, stores production recipes and assists in any fault diagnosis.

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Portable wire drawing oil centrifuging machine

CbS Technologies, India, has developed a 100% consumable-free and maintenance expense-free portable wire drawing oil centrifuging machine, specifically for wire drawing application.

The company claims that the machine offers the following advantages:

Increases die life to more than double; ensures the maximum speed of the wire drawing oil; helps production of bright finished wire; reduces consumption of lubricant; helps recovery of 0.5% to 1% of the material from the lubricant; repeat pump failures are avoided; and there is no chocking of oil lines.

The machine has a 10kg material holding capacity, and can be cleaned in two to five minutes.

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technology at a glance

Alpha Wire, suppliers of advanced solutions and service in wire, cable and tubing, has launched a new, completely transparent, heat shrinkable tubing called Fit®-Clear.



The new quantec® EV kneader, made in Switzerland by Buss AG, has about 20% more internal capacity than the standard version.



Draka Comteq has announced that its new bend and kink-resistant optical fibre, BendBrightXS, is receiving strong market acceptance across Europe.

