TECO CONVERTING

Order Confirmation: Customer

Date: 07.28.2003



Any requests for components, other than from the manufacturers listed above should be discussed with Utoco. Upon Utcco's technical approval of components other than those listed above, price and delivery terms quoted may need to be adjusted to reflect additional costs created by using that particular component. Delivery terms may be subject to additional changes during machine manufacturing process, depending on the difficulties (availability, design and adaptation problems) found in using these specially requested components. Uteco is not liable for any reduction of the machine characteristics and performance caused by components specially requested by the customer.

AUTOMATIC TURRET UNWINDER "TA-U 1000"

Cast iron frames, G20, 70 mm (2.75") thick, with base plate and cast iron cross beams, for high rigidity of the group and to minimize vibration under the hardest production conditions. Outside dismoter of reels: 1000 mm.

Minimum diameter of the new reel for automatic splice: 400 mm (15.7").

Turret rotation through motor and motor reducer.

Manual independent side register, by means of handwheel; adjustment range; 50 mm (1.9").

Cut off unit for automatic flying splice at production speed.

Ricci change sequence to be initiated by the operator;

rotation of the turret until a proximity is reached, positioning of the cut off assembly; the rotation continues until the dismeter of the new reel is detected by the photocell of the cut off unit. Automatic start of the new reel, of which speed and diameter are automatically read by an encoder (reel diameter is calculated by PLC). After a few seconds the pressure roller and the cutting knife are activated and carry out the splice. Control panel with the main controls of the unwinder.

SAFETY DEVICES

The unit is equipped with safety devices according to mentioned OSHA directives.

MOTOR FOR UNWINDER

Two unwinding stations each one driven by an AC motor.

PNEUMATIC DANCING ROLLER

Pneumatic dancing roll for the automatic control of the web tension.

SHAFT, I.D. 76 MM (3")

Nº 7

Aluminum or earbon fiber shaft for cores having L.D. 76mm - 3" brand "Double R"

SPARE SHAFT, L.D. 76 MM (3")

Nº1

Spare aluminum shaft.

reels loading/unloading

Recels loading and unloading system by means of a pair of jacks, driven by electric AC motor.

UTECO CONVERTING S.P.A.

Order Confirmation: Customer: Reliable

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- Control from operator interface with possibility of setting the following: tollerances, sequence of the colors of the press, programmed controls, etc.

AUTOMATIC TURRET REWINDER TYPE "TA-R 1000"

Cast iron frames, G 20, 70 mm (2.75") thick, connected by cast iron cross beams, for rigidity of the group and to minimize vibration under the hardest production conditions.

Outside diameter of rocks: max. 1000 mm (39.4").

Turret rotation by means of a motor and a motor-reducer.

The operator can rotate the turret, by means of a selector.

Additional rubber pressure roller, pneumatically adjustable, to minimize air entrapment in the reel windings. Control panel with the main controls of the rewinder.

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SAFETY DEVICES

The unit is equipped with safety devices according to OSHA directives.

MOTOR FOR REWINDER

Two rewinding positions each one driven by an AC motor.

PNEUMATIC DANCING ROLLER

Pneumatic dencing roll for the automatic control of the web tension.

TAPER TENSION

Tension reduction with increase of the reel diameter (in percentage up to 80%).

REEL CHANGE FOR REWINDER

Automatic cut-off unit at production speed (according to the used web and stickyback).

The automatic cut-off can ben activated in two different ways:

- 1. Start of the reel change: The jurget rotates until it reaches the change position. After this the shall is launched until it reaches the material speed. After a few seconds this speed is reached and the operator can give the cut-off command.
- Cut-off: By means of this command the above-mentioned operation is featured without the intervention of the operator.

The cut-off unit consists of a pressure rubber roll and a cutting knife.

The unit is activated by means of pneumatic pistons.

Another pair of pneumatic pistons activates the cutting kulfe.

The cut-off and transfer may be executed in both rewinding directions,

EDGE GUIDE SHIFTING

Nº 1 .

Edge guide brand BST type SHIFTING 3900N, with single sensor, adjustable by motor,

SPARE SHAFT, I.D. 76 MM (3")

Noi

Spare aluminum shaft,

SHAFT, I.D. 76 MM (3")

Nº 2

Aluminum or carbon fiber shaft for cores having I.D. 76mm - 3" brand "Double E"

REELS LOADING/UNLOADING

Reels loading and unloading system by means of a pair of jacks, driven by electric AC motor.

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