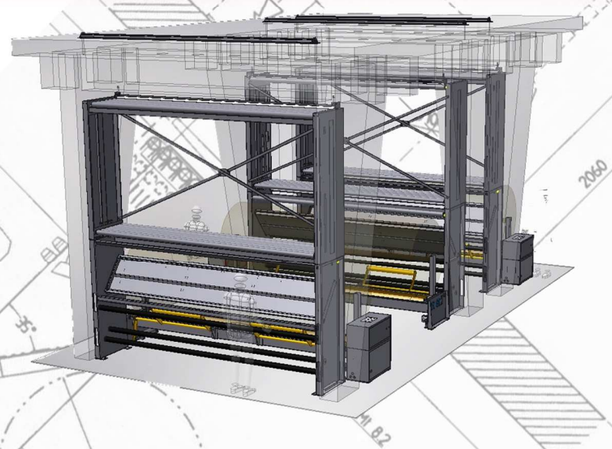

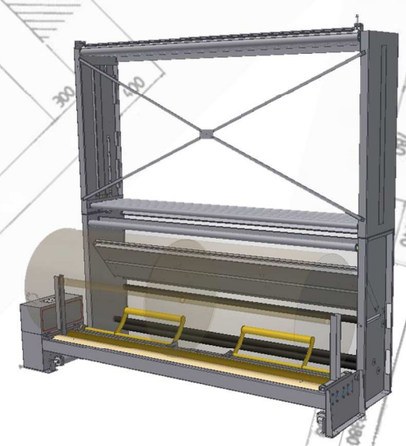

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TAI

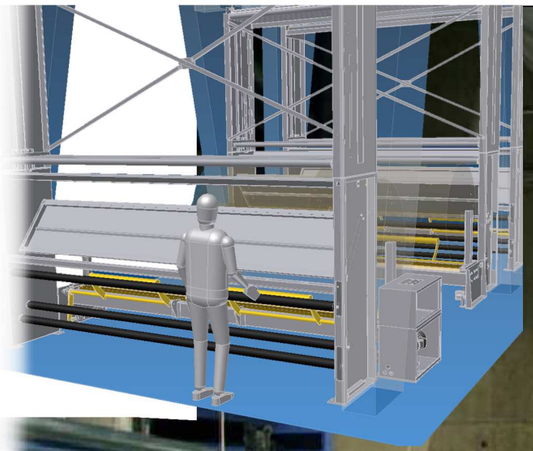
Tangential batcher allowing an immediate and constant check of the produced fabric

Particularly suitable for fabrics supporting cyclically stops and starts and which, while withstanding tensions in the warp, do not suffer alterations in the weft. It is fitted with a series of dancing rollers for achieving the fabric accumulation, variable (according to the needs of the customer) between 8 and 20 m. The choice of the quantity of accumulation in relation to the number of machines is decisive for the 100% inspection of the fabric. The batcher is fitted with a light diffusing screen.

The start of the batcher is achieved manually by the operator being appointed for the inspection, whenever he deems it necessary, or when the flashing light signal, placed on the machine, is indicating that almost all the fabric has been accumulated.

If the operator does not intervene, the batcher will automatically recover the accumulated fabric. In this case, by means of the positioning of an inductive sensor, it is possible to determine the meters of fabric length which will be rolled up without inspection. The speed of rolling up and therefore that of inspection is 17 meters/minute.

All functions of the batcher will be controlled by a PLC permitting, by means of program personalization, to comply with the needs of the customer. The batcher is arranged for the application of a terminal connected to the central unit for the supervision of the quality control. The batcher is fitted with a pneumatic ejector for discharge of the fabric roll and with a device for control of the compactness of the roll.The type “TAI” batcher,
if compared with the traditional type with continuous draw, will allow an electric energy saving of about 80%.



The batcher may be fitted on request with:
- external lamp for illumination of the fabric from the top;
- pneumatic device for repair of the fabric on the rear side;
- anti bag device for keeping compactness also during the backward run;
- mechanical meter counter;
- encoder for sensing the meters of fabric to be connected to the terminal for the quality control;

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