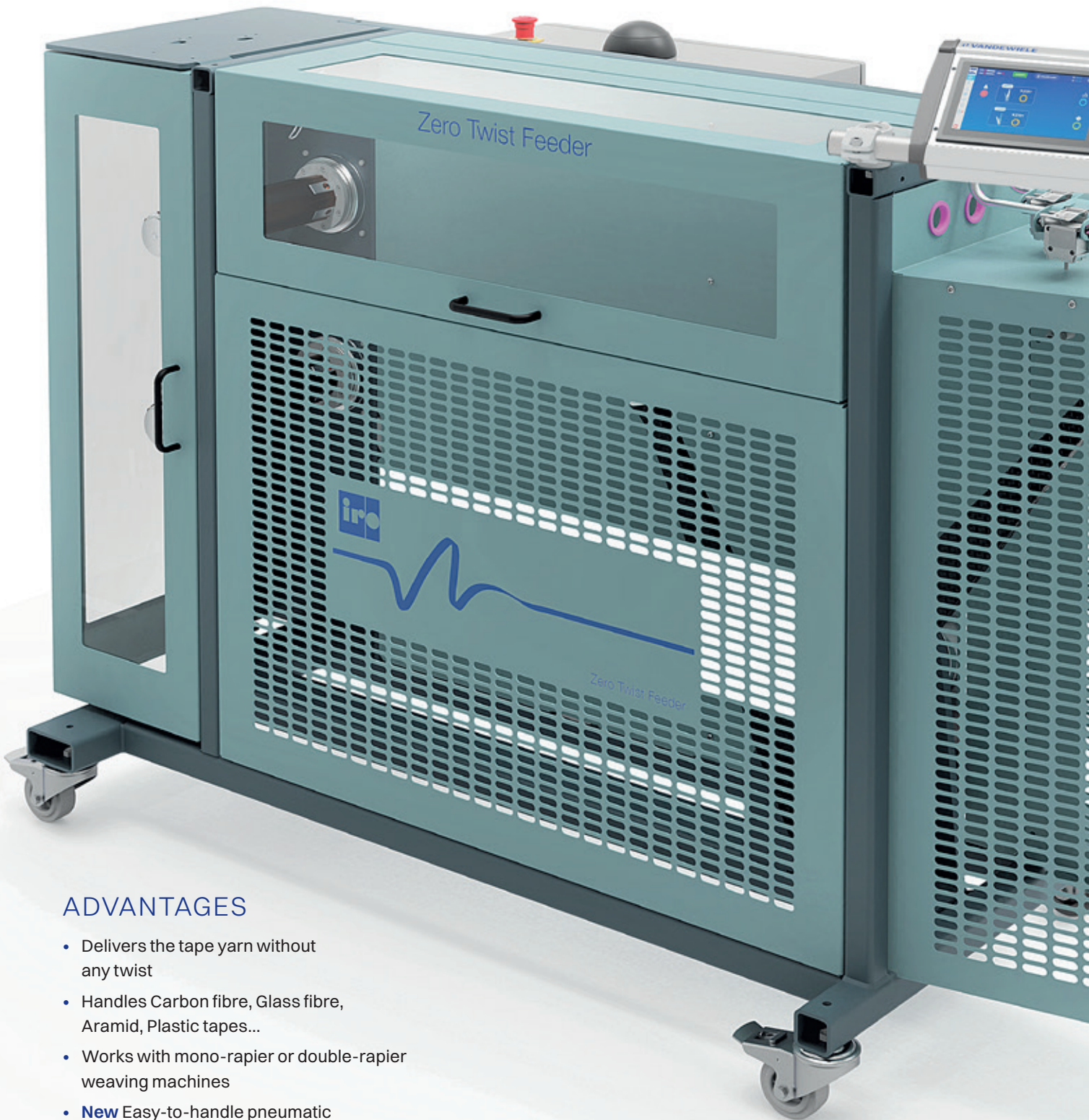


Zero Twist Feeder

The Zero Twist Feeder delivers a tape yarn or fibre tow to the weaving machine without any twist. It keeps the yarn constantly stretched to avoid the risk of any snarls or twisting of the tape.

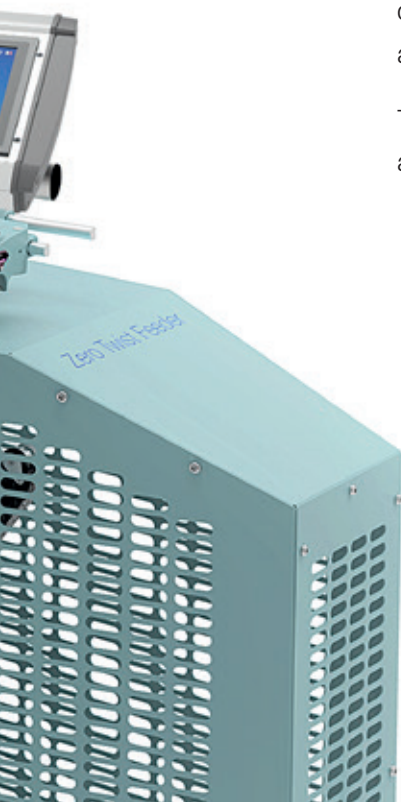


ADVANTAGES

- Delivers the tape yarn without any twist
- Handles Carbon fibre, Glass fibre, Aramid, Plastic tapes...
- Works with mono-rapier or double-rapier weaving machines
- **New** Easy-to-handle pneumatic bobbin exchange system
- **New** User-friendly HMI Interface

The Zero Twist Feeder is designed for use with rapier machines. It can be installed on new CAN communication machines, or retrofit to older non-CAN communication machines using a specially designed conversion kit.

The Zero Twist Feeder is supplied as either a single channel unit, or as a weft mixing version.



NEW

Easy-to-handle bobbin exchange system



NEW

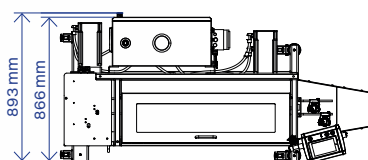
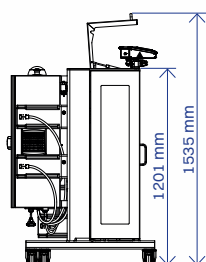
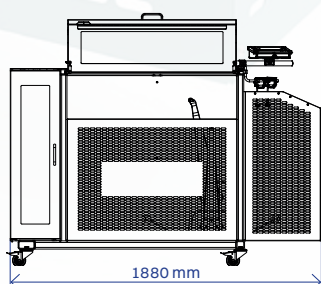
User-friendly HMI Interface

HOW IT WORKS

The bobbin is rotated by a motor, allowing delivery of the yarn without twist at an average speed of the weaving machine.

A buffer arm, synchronised with the rapier movement, buffers the yarn being rolled off the bobbin at a continuous speed and delivers the exact amount to the weaving machine at the correct speed needed for the weft insertion.

A tension and sensor arm ensures that constant yarn tension is kept during the whole insertion cycle.



TECHNICAL SPECIFICATIONS

Speed	up to 850 m/min up to 250 rpm at 3.4 m, single channel
Machine width	up to 3.40 m
Yarn	Tape from 0,5 mm to 12 mm wide Monofilament up to 1.5 mm Carbon fibre 1.5k - 24 k Glass fibre, man-made fibres
Bobbin	Diameter, max: 250 mm Inner diameter: 76 mm Length, max: 310 mm Weight, max: 7 kg
Rapier system	Mono and double sided
Versions	Single / 2C weft mix

Performance depends on article and loom



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