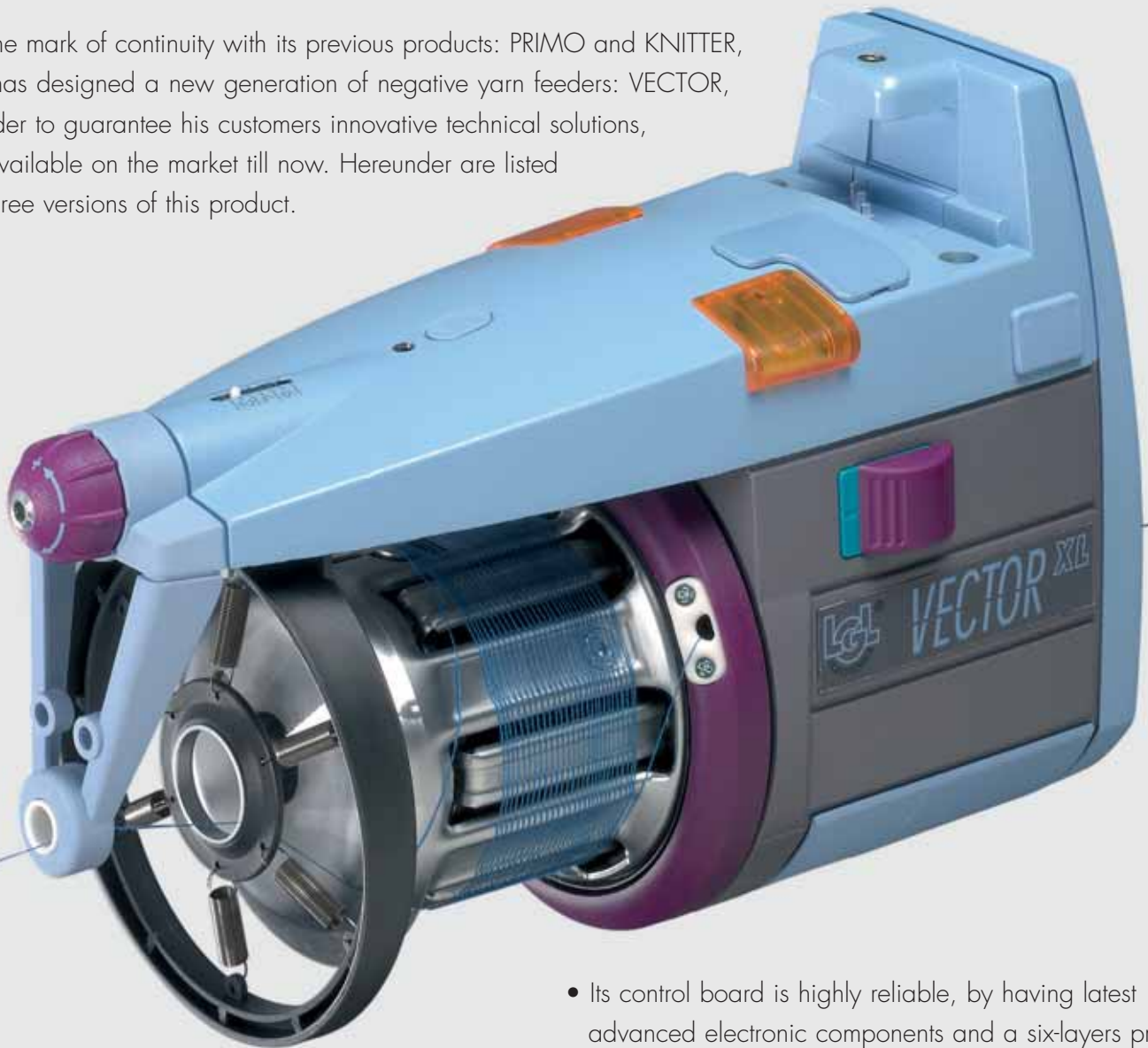


# VECTOR

On the mark of continuity with its previous products: PRIMO and KNITTER, LGL has designed a new generation of negative yarn feeders: VECTOR, in order to guarantee his customers innovative technical solutions, not available on the market till now. Hereunder are listed the three versions of this product.



VECTOR qualifies itself with the following innovations:

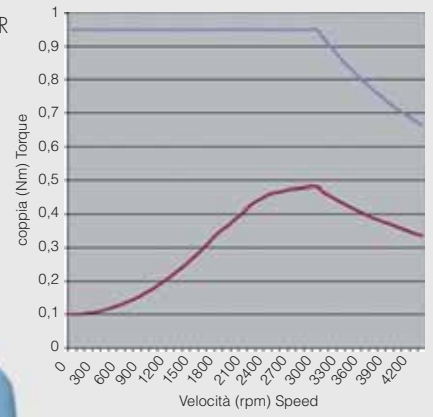
- New electronic power board with vectorial drive of its asynchronous motor (it is a new edition)
- Maximum motor torque available even at low motor revolutions
- Reduced power consumption: averagely by 30%
- Its control board is highly reliable, by having latest advanced electronic components and a six-layers printed circuit, which ensures an optimised insulation against eventual electromagnetic noises
- Ergonomical solutions for a simple and easy use of this product
- Use of the electronic brake: ATTIVO (LGL patent pending) even later on (optional). Pls see the pertinent leaflet
- Available in various equipments: HORIZONTAL or VERTICAL; STANDARD or XL (measurement of the machine yarn consumption)





Power supply board

— VECTOR  
— PRIMO



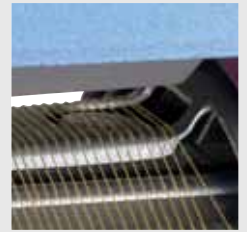
Torque Comparison at different speeds



Power cable fitting



Yarn storage sensor  
(always maximum stock)



Missing yarn sensor



Speed control sensor  
(VECTOR: up to 1200 mt/min)



Fix coils separation: 1 mm



ATTIVO (optional) keeps constant tension,  
electronically driven



T.W.M. with lamina



T.W.M. without lamina



Tension Modulator  
T.W.M. (LGL patent)  
with antiballoon

**Characteristics:**

- Range of yarns: from 5 Den to 800 Den
- Spool body diameter: 69 mm

- Electronic measuring system of the yarn used by each feed (optional)
- Dimensions: 250 mm long, 100 mm wide, 155 mm high
- Weight: 2,5 kg