

Giessa in the world market

Giessa machines are able to guarantee high quality yarns with high production capacity at the lowest possible operating costs.

- Precision of mechanical execution
- Full Electronic control of all parameters
- Maximum Flexibility (control every 2 or 8 spindles)
- Easy Operation
- Extreme softness with high volume of produced yarn



OPTIMAWRAP innovative chenille yarn machine take up in cones:

Electronic head - with a multifunctional keyboard where the operator enters the processing parameters. A large display and advanced software provide an easy machine/operator interface. The computerized control system facilitates prompt (immediate) changing of processing parameters with the machine in operation as well as programming of parameters for each axis.

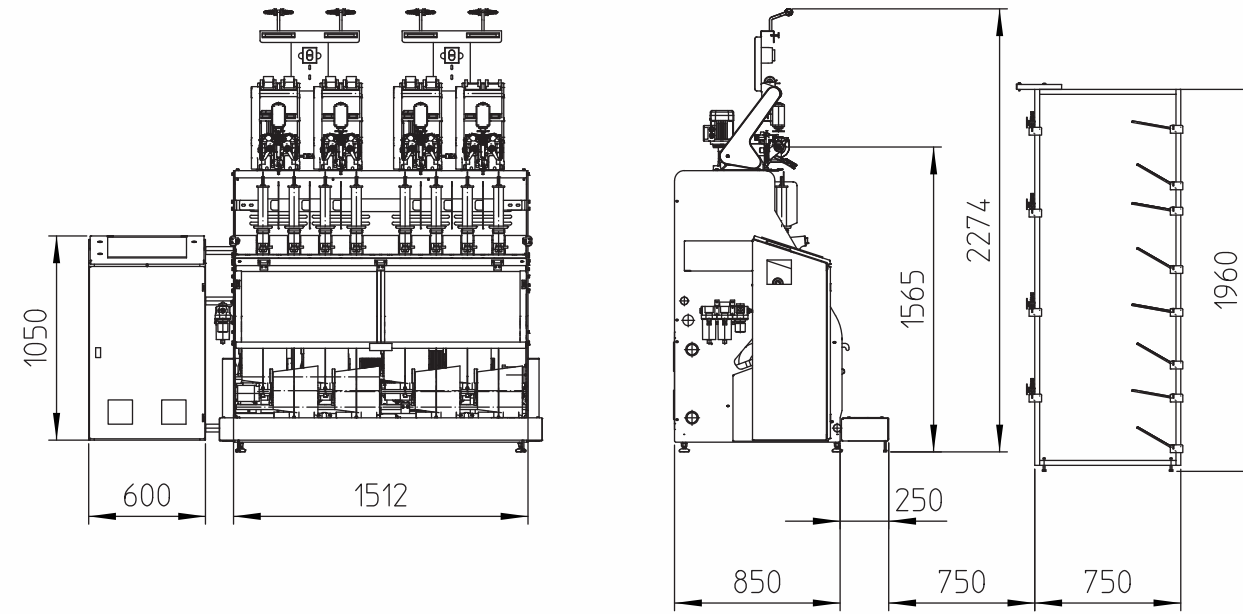
Up to 99 different production cycles and 10 frame production cycles can be stored in the memory.

Sections with 8 cone - from a minimum of 1 section (8 cones) up to a maximum of 15 sections (120 cones) with the following peculiarity.

- Low energy consumption
- Minimum maintenance due to the patented designs
- Maximum precision of mechanical executions with mistake-free positions
- Low requirement of maintenance and regulations of the core parts
- Double the standard chenille machine production speed
- Possibility of implementing the yarn quality control units CMC on each position for a chenille yarn cleared of defects directly on the machine and therefore usable on the next process without separate winding clearing process



LAY OUT OPTIMAWRAP



TECHNICAL CHARACTERISTIC

Different kind of yarn	Each 4 cones
Cone gauge	360 mm
Maximum number of bobbins	120
Cone flange bobbin height	200 mm
Cone dimension	8"
Yarn count	up to NM 15
Maximum twisting rate	1500 Tpm
Max. hollow spindle revolution	14.000 rpm
Max. delivery speed	30mt./min.
Feeding creel	Included
Average power consumption each module	3 Kw

optimawrap

Innovative chenille yarn machine with direct take up on cones
Double the production of standard chenille machine



GIESSE s.r.l.

Via Sandro Pertini 86/88 - 50019 Sesto Fiorentino (FI) ITALY

Tel. +39 055 4251002 Fax +39 055 4251001

email: info@giessesitaly.com



THE HE ONLY FULLY COMPUTERIZED CHENILLE MACHINE ON THE MARKET WITH DIRECTLY TAKE UP ON CONES

GIESSE, always in the forefront and attentive to the demands of the market, projected towards the future after years of study and experimentation, present the market with a model of its machine for the production of chenille yarn that is totally computerized. Designed in collaboration with the Department of Mechanics and Industrial Technology of the University of Florence, it guarantees a production of high quality and productivity.

These machine can produce all types of chenille yarns, from 0.7 mm to 10 mm diameter and up to NM 15 Each of its axes (4 cones) is controlled separately, thus making possible simultaneous production of yarns with different characteristics.

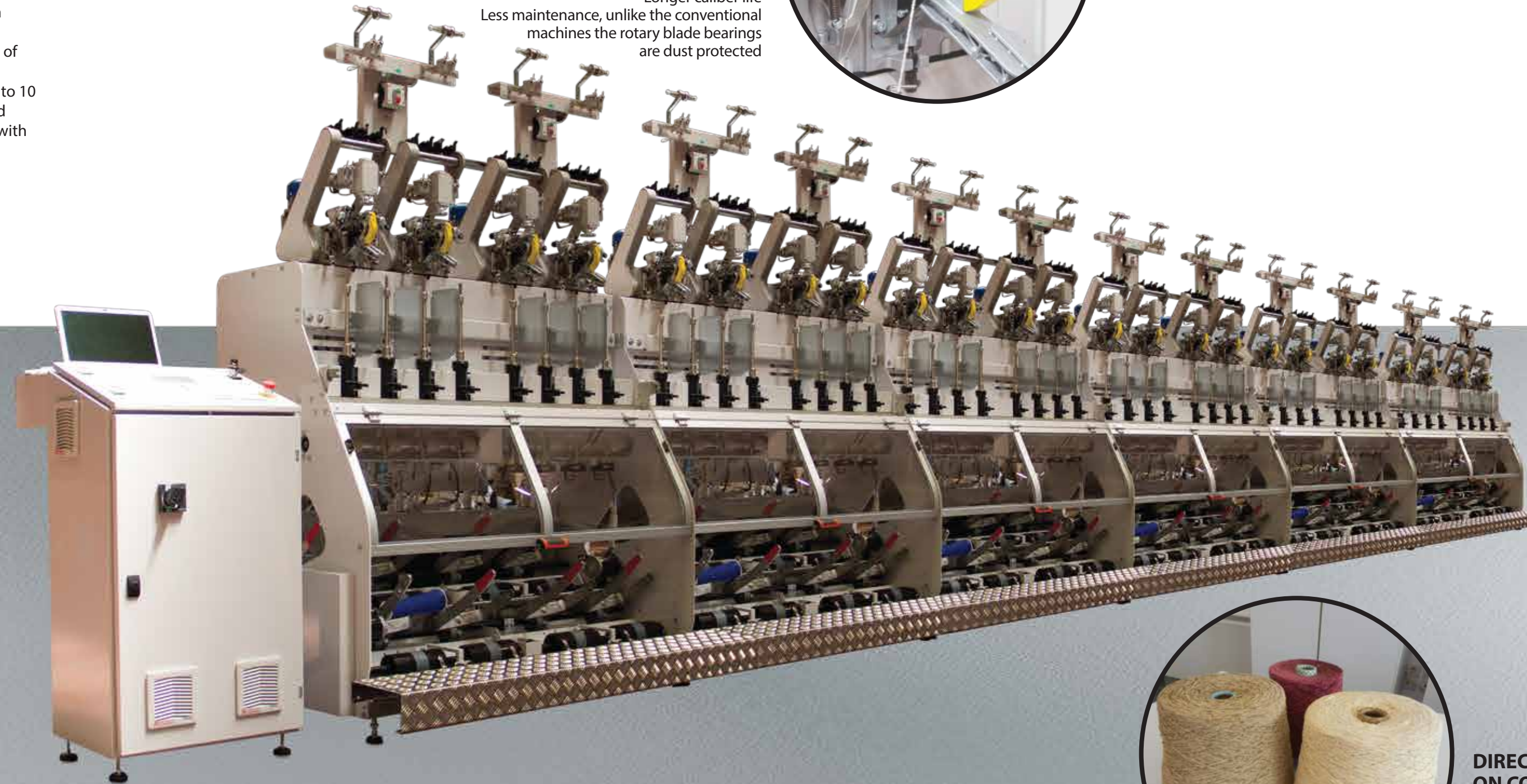
NEW ROTARY BLADE GROUP DRIVEN BY TIMING BELT, WITHOUT CROWN AND PINION AND SO BECOMING MAINTENANCE FREE

- Transmission by timing belts
- Dust protection
- Die-cast body CNC machined
- Longer cutting time of the rotary blade
- Longer caliber life
- Less maintenance, unlike the conventional machines the rotary blade bearings are dust protected



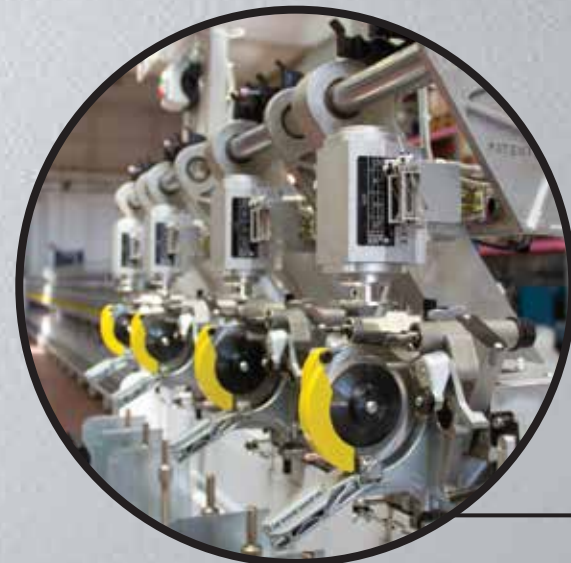
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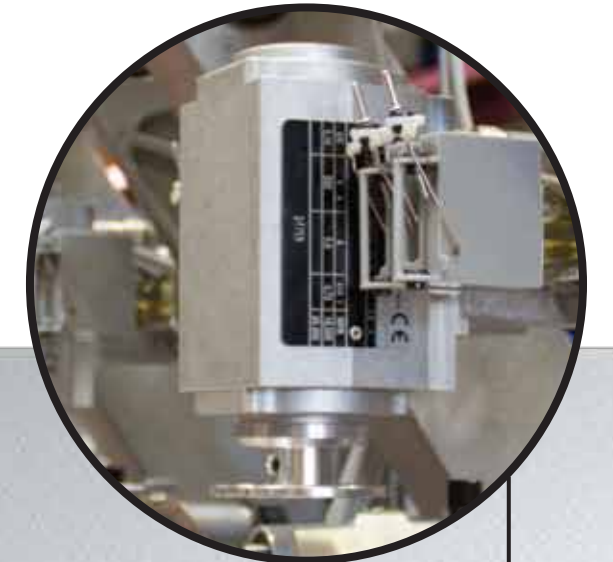
CMC YARN QUALITY CONTROL - PATENT

Chenille yarn quality control by photocell during the process (PATENTED)



NEW LITTLE FRAME WITHOUT JOINTS MAINTENANCE FREE. FIXED POSITIONS (MISTAKE-FREE)

- Timing belt transmission
- One die cast block CNC machined
- Dust protection of all transmission
- No more cardan Joint
- Less maintenance costs
- High yarn quality
- High production volume



HIGH SPEED FLYER

- New compact little frame joint less.
- Electronic transmission
- Clearing away belts and pulleys
- Speed up to 25.000 RPM
- Speed constancy
- Fine speed setting +/- 1 RPM
- Easy S or Z twist setting



DIRECT TAKE UP ON CONES

Direct take up on 8 inches cones
With chenille already checked
Package weight 1.5 - 2.0 kg