



GIESSE VALUE FOR MONEY

The ORACLE sensing head can be installed also on existing Millennium sensing heads. 25 years chenille and fancy yarn experience available at your factory place !

Easy first

Programming never been so easy. And complete, to offer high-quality yarns at the most competitive prices.

- ✓ No need to change the clearers.
- ✓ No need to fix new line on winder
- ✓ No need to cable the winder
- ✓ No need to upgrade the clearers

Interface

PC software shows all data at a fingertip, including:

Clearers program

- ✓ Auto clearing
- ✓ Advanced Clearing
- ✓ Default Clearing

Production statistics:

- ✓ Efficiency per shift, week, month
- ✓ Efficiency databases

Quality statistics:

- ✓ Defects databases per clearing channels.
- ✓ Defects graphics and histograms per operator selection

oracle

Chenille, fancy and special yarns clearing systems



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oracle

Chenille, fancy and special yarns clearing systems

NEW CLEARING STANDARDS TO LEAD CHENILLE FUTURE

The ORACLE Clearer is the new state-of-the-art chenille and fancy yarn clearing system. Now on line...

The ORACLE is of completely new design, but also incorporates the 25 years unique experience gained from the leading Clearers, sold to almost all chenille and fancy yarns manufactures throughout the 5 Continents.

The ORACLE clearer has been thought for customers with the highest demands on yarn quality control, with the need to be assured with safety and reliability under the most critical environment conditions.

Sensing head: electronics

The new ORACLE sensing head introduces the latest engineered electronics, using a custom 80mhz DSP processor, made in Europe, designed and produced under the ISO 9001 : 2000 quality standards.

Sensing head: optics

The new ORACLE sensing head introduces also the newest improved optical technology, patented, that has been miniaturized in a new custom sensor, 5 times more accurate than the Millennium models.

Sensing head: cutting unit

The new ORACLE sensing head has an optimized cutting unit that powers the successful experience of Millennium and CC3 models. New materials and components allow to have the highest cutting performances, to secure safety and reliability.

W-Stop interface with winder further insure a no-defected cone

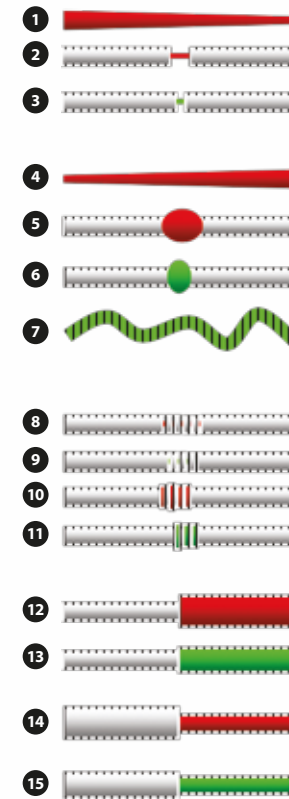


Backgrounds

Optical technology based clearer
Yarn Self-programming

Clearing Channels

- 1 Strip back Sensitivity
- 2 Strip back Length
- 3 Virtual Strip back
- 4 Thick Sensitivity
- 5 Thick Length
- 6 Virtual Thick
- 7 Yarn move detection
- 8 Strip back STORM Sensitivity
can supervise the production
- 9 Virtual STORM Strip back
- 10 Thick STORM Sensitivity
- 11 Virtual STORM Thick
- 12 Strip back IRRY Sensitivity - shift
- 13 Virtual IRRY Strip back
- 14 Thick IRRY Sensitivity
- 15 Virtual IRRY Thick



Clearing Statistics (24h/day)

All cleared and virtual yarn defects are continuously saved into the PC.

Production Statistics (24h/day)

Clearers provide yarn production supervising on winding machine.

Irregularity (IRRY)

Digital detection of yarn size variation that effects count.

Defect Storms Detection (DSD)

Digital detection of storms of short close defects that make a strip back on fabric path.

Efficiency of every:

- head
- worker
- yarn
- month
- week
- day

The production efficiency can be set up by the mill manager accordingly with production targets and goals; in this case, the clearers will provide also efficiency in %.

