

## Spanish Textile Machinery

The Spanish textile machinery manufacturers rely on R&D and 85% of companies are developing innovative projects. Spain must take advantage of the fact that there are many Technological Centers and Universities specialized in the different textile sub-sectors, acknowledged at international level, and more and more companies seek the support of these centers for development of new equipment. Companies in the sector hold leading positions in their specialties and technical textiles and non woven represent an excellent opportunity. Main challenge for Spanish companies is specialization. The Spanish companies are nowadays not looking at mass production, but they are looking into specialties with high value. The Spanish textile machinery manufacturers are looking for the opportunity in this global world, mainly taking into consideration, adaptation, innovation, specialization, quality and flexibility, that could define the transformation process of the Spanish textile machinery sector. Amec Amtex will be accompanying the Spanish companies with an information booth, in Hall 3.0, stand number C42, at Techtexsil Frankfurt 2009 trade fair.

### Galan Textile Machinery S.L. (www.galan.es)

Created in 1940, is a company specialized in the design, innovation, development and manufacturing of spinning, twisting and winding machinery for all kind of textile and technical yarns. By twisting the yarns, the strength or abrasion resistance increases, which benefits the ends up offering better performance to the final application of those yarns. Galan machines applications are very diverse, and can be used for twisting yarns used for producing braided or twisted ropes for industrial, sports, nautical or agricultural applications, as well as artificial turf yarns, sewing threads, fishing, sports and protection nets. Other applications such a transmission belts, tyre cord or fire hose reinforcements, paper twine, fibreglass.

### Talleres Ratera S.A. (www.ratera.com)

Ratera is a Spanish company specialized in the production of braiding machines and its accessories. With more than 60 years experience, Ratera has a

range of more than 320 models of braiding machines, especially prepared to treat all kind of technical fiber:

- ❖ **Fibre-glass:** automotive and aerospace industry.
- ❖ **Kevlar:** elevation system/transport Industry.
- ❖ **Dynema:** fishing and construction industry.
- ❖ **Fibre-carbon:** Sports, aerospace, automotive and navigation industry.

### Valentin Rius Clapers, S.A. (www.rius-comatex.com)

Since its foundation, 1940, VALENTIN RIUS offers one of the largest and most representative lines in warping and knitting fields. The company manufactures several high-speed circular knitting machines for the production of tubular fabrics for medical applications, household and confection. Tubular nets for medical applications, vegetable and fruit packing, food and meat industry. Also manufactures raschel machines, mechanical and electronic, for the production of tapes, knit fabrics and protective mesh.

### Frimal Trading, S.L. (www.twisttechnology.com)

#### Experience and innovation

- ❖ specialized in designing and producing twisting machines.
- ❖ 65 years experience in the market.
- ❖ In-house technology and patents.

#### International Quality

- ❖ ISO-9001 certified from 1999.
- ❖ More than 95% of turnover comes from exports.
- ❖ Satisfied Customers in 72 countries.

#### Final markets

Specialist in twisting technical yarns, aramides, glass fibre, polyester, polyamide, polypropylene, polyethylene, cotton, rayon, wool, sisal, baler twine, paper. Other applications include, artificial grass, glass fibre components, cordage, twine, ropes, electric fence, nets, trimmings, mops, hoses, conveyor belts, tires.

#### Product range:

- ❖ Ring twisters.
- ❖ Twisters for fibre glass.
- ❖ In-line twisting systems. ♦

## Küstern DyePad – the perfect professional solution for technical fabric

Economic success in technical fabrics is determined above all by quality and reproducibility. Up to date finishing (especially in nanotechnology finishing) becomes more and more cost-intensive and at the same time process engineering has to be secured within stricter quality and production limits. The answer to the various demands in the application of auxiliary chemicals and dyes remains as of 50 years ago, the Küstern' swimming roll. The pioneering invention patented by Eduard Küstern in 1956, is being used today thousand fold and is manufactured exclusively by Benninger for the textile industry since 2007.

With the deflection controlled S-Roll the pressure is infinitely variable and still

capable to maintain a constant uniform nip pressure. Further developments by Benninger have put the main emphasis on the infrastructure, such as fabric guidance, dosing and recipe management, and thus adapts the processes to the requirements of modern textiles. Therefore Benninger is well positioned to meet the demands and challenges in the field of sophisticated technical textiles.

### Benninger – Competence in textile machinery

Benninger is one of the leading partners of the textile industry for 150 years



Küstern DyePad.

with a global network of subsidiaries and service stations. Benninger develops and manufactures textile finishing and cord production machines as well as providing complete system solutions.

Benninger will be participating at Techtexsil exhibition at the common booth of Elmatex Ltd. in hall 3.0, booth D05. ♦