





KR1 is an automatic knotting system that can be used in many industrial applications, enabling to **knot** bobbins, from the finest to the most sophisticated yarns.

Suitable for a large yarn panel

DTY



76 dTex F 24 PET



167 dTex F 48 PET DTY



300 x 11 den PET DTY



600 x 2 den PET DTY



1800 x 2 den PET DTY

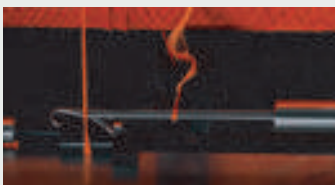
CARPET YARNS



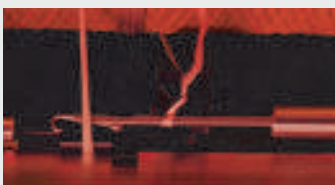
900 x 2 dTex PA6



1000 dTex PP



1550 dTex PET



2285 dTex F 420 PET BCF



2550 x 2 dTex PET

ARTIFICIAL TURF



5200 dTex 8 monofilaments
texturized PE



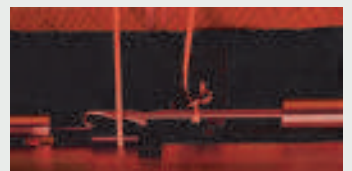
7200 dTex 8 monofilaments
PE

TIRE CORD



1600 x 2 dTex PA6
Tire Cord

TAPE



800 dTex Tape

KNOT

LABEL

CONTROL

WEIGH

PACK

SUITABLE FOR EVERY TYPE OF TECHNICAL YARN :

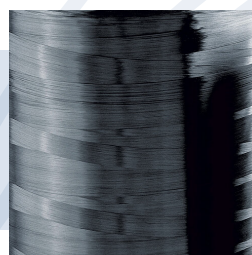
Material



ARAMID



GLASS FIBER



CARBON



**ALL POLYMER
YARNS**

**Yarn
Presentation**



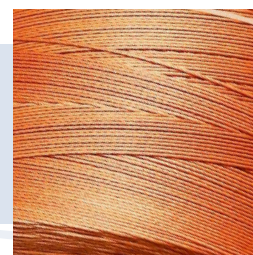
TAPE



FILAMENT



FDY



TWISTED

**AND MORE
...**

SEND US YOUR SAMPLES

➤ INFO@SUPERBA.FR





KR1 knotting cell can benefit from customizable extensions, increasing the level of automation of your process.



Knotting



Labeling



Packing



What about complete cell ?

The KR1 complete cell is composed of 2 knotters, 1 labeller and 1 robot. With the use of this industrial robot running 24/7, this advanced automation system will allow to reduce overall costs, as well as energy and labor.

Characteristics & Technical Infos

Cadence :

Complete cell : Up to 144 bobbins per hour
Knotting unit : Up to 240 bobbins per hour

Dimensions (mm) :

Complete cell : 6101 x 3660 x 2732 (L x l x h)
Knotting unit : 1233 x 890 x 790 (L x l x h)

Energy consumption (pneumatic) :

Complete cell : 190 Nm³/h
Knotting unit : 270 Nm³/h

Energy consumption (electric) :

Complete cell : 1 kWh
Knotting unit : 0.2 kWh



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We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles. Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future. Creating success for them all, from yarn to finished product.

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