CONTINUOUS DYEING LINE FOR CARPET YARN
High precision dyeing line
A new world of carpet styles combined with VDW machines

New styles of space-dyed yarn for new styles of carpet

Wide range of Yarns & dyeing effects
- Suitable for Acrylic, Polyamide & wool
- Nm 2 to Nm 34/3
- 900 to 5000 dtex
- Up to 6 spot colors with one base shade or solid color

High Productivity
- Up to 220Kgs/hour
- Fixation time up 5 minutes @ 98°c
- Low process costs (dyes+energy+labor) from 0.2 to 0.4€ per Kg (depending on shade)

Electronic Control
- Fully PLC controlled with a 16/9 color-touchscreen
- High level of reproducibility thanks to unlimited number of textile recipes
- Production follow-up, Alarm reports, Shift report, efficiency, trends, and a lot more
DL5 LINE COMPOSITION

CHARACTERISTICS & ENERGY CONSUMPTION

- 500 m/min
- 72 ends (up to 96 ends for fine yarns)
- Water: ~1500 l/h
- Installed power: ~170KVA
- Air: ~50 Nm3/h @ 6 bars
- Steam: ~1000 Kgs/h
- Consumption: ~100 KW/h

Production: Up to 4,5 Tons/day and more (depending on yarn count / number of ends)

Dimensions: depends on configuration
- Height: 2000 cms
- V Configuration: 72 ends: L 38 m x W 11 m, 96 ends: L 39 m x W 12 m
- In-line configuration: 72 ends: L 59 m x W 8 m, 96 ends: L 64 m x W 8 m

TECHNICAL INFORMATION

LAYOUT (EXAMPLE FOR ONE 72 ENDS' LINE - CONFIGURATION “IN-LINE”)
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.