



# SCOUT VACUUM DEHYDRATION UNITS



# **SCOUT VACUUM**

The SCOUT VACUUM allows for efficient dehydration of synthetic-based fabrics, such as PA, PES, blends with elasthane, as well as blends with cellulosic fibres.

The machine is available in different designs, suitable for woven and knitted fabrics.

Investing in an ERBATECH SCOUT VACUUM System offers a very short pay-back time, generally less than 1 year and can eliminate the need to invest in enlarging existing equipment.



#### **SCOUT VACUUM VS. SQUEEZING UNIT**

Residual moisture values for selected sample fabrics





### **ADVANTAGES**

Production Costs:

- Reduced energy consumption in following drying process
- Increased line production speeds higher machine utilization
- Wet-on-wet process saves drying requirement

Production Quality:

- Low final humidity of fabric before drying
- Soft handle and more volume of fabric
- Uniform and repeatable dehydration, no risk of creases



#### **SUCTION BAR**

The suction bar is available in two versions for knitted and woven fabrics.

For knitted fabrics a herringbone slot design and an actuator-driven slot covering is recommended. For woven fabrics a straight slot with a mechanical rubber band slot covering is available.

#### **BLOWER**

The blower is the vacuum pump which generates the vacuum used for the dehydration.

All blowers are equipped with frequency inverter control, suitable noise protection hoods, and exhaust air noise absorbers.

# **SEPARATOR**

The cyclone separator is used to separate the air from the evacuated liquor. For the purpose of lint or dust removal, filter systems are available.







# **HUMIDITY EQUALISATION / DEHYDRATION**



# **CHEMICAL IMPREGNATION WET-ON-WET**



# **DEHYDRATION IN WASHING MACHINES**





