

OUR COMPANY



VB-SET is a company specialised in the design, construction, installation and start-up of extrusion spinning machines for the production of continuous filament synthetic yarn.

With more than 20 years of experience and equipment installed worldwide, we supply to our Customers complete plant and/or equipment to respond to their needs of production and development of special yarns for textile and industrial application.

Our machines are designed to produce yarn of the highest quality standard thanks to the accuracy in the spinning parameters control.

Their sturdy and durable construction are essential to operate 24 hours a day, every day of the year.

Year after year. Successfully.

VBSET

PILOT AND LABORATORY SPINNING
EASYSPIN LAB



We care
about man-made fibers



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High quality
compact and flexible

PILOT AND LABORATORY SPINNING MACHINE



EASYSPIN
LAB5

What is Easyspin Lab?

EASYSPIN LAB is the most flexible and versatile pilot and/or laboratory spinning machine.

Its ergonomic design allows producing high quality yarn in a very compact unit.

EASYSPIN LAB comes in 6 main configurations

- EASYSPIN-LAB1: suitable for POY
- EASYSPIN-LAB2: suitable for POY, FDY
- EASYSPIN-LAB3: suitable for POY, FDY, BCF
- EASYSPIN-LAB4: suitable for POY, FDY, HTY
- EASYSPIN-LAB5: suitable for POY, FDY, HTY, BCF
- EASYSPIN-LAB6: suitable for FDY, BCF tricolor

All can be supplied to produce bicomponent yarn.



EASYSPIN
LAB6

Our Pilot and Lab
machines are based
on **EAYSPIN LAB**



Concept

Flexible in processing raw materials

The machine is suitable to run all standard polymers (PET, co-PET, PA, PP, PBT, PTT, PLA etc). Upon request can work with high performance polymer (PEEK, PVDF, ECTFE, ETFE, FEP, PFA, etc), resorbable polymers for medical sector, in a wide range of spinning temperature (from 80°C to 400°C).

It is ideal machine to test if a polymer is suitable for extrusion spinning and support its development. Machine can be supplied to process single polymer only and/or double polymer for Bicomponent

Flexible in processing all type of yarns

The machine is available in many configurations depending from the yarn (type and denier range) to be produced. Machine can produce high speed products as POY, FDY, BSY, BCF, HTY.

Flexible for colour matching

Design with short residence time allows a very quick colour change, ideal for efficient colour matching and colour development

Easy handling

Compact concept allows the lab machine to be operated by only one operator.

Compact Design

The machine can be installed inside small laboratory room. Machine is designed on plug & play philosophy and completely pre-tested in our workshop for easy installation in a laboratory

Custom made release

The machine concept allows further flexibility for Custom made realization, according to specific needs in terms of polymer, denier range, dpf range, process temperature and process speeds



EASYSPIN
LAB2