

Yarn Splicer Heberlein® AirSplicer-40-2

AirSplicer for semi-automatic, knot free joining of technical filament yarns

The AirSplicer-2 is convincing both through the extension of the technological performance limits as well as through the significantly improved user friendliness.

High cutting and splicing performance.

Simplified splicing procedure through use of semi-automation. Triggered by the pressing of a button, the procedure runs automatically. No false moves are possible as a result of a short trigger time. Thereby the highest level of reproducibility is achieved.

High splicing reliability and easy handling. Suitable for magazine creeling, in drawing and twisting processes or for fabric manufacturing.

For splicing heavy synthetic yarns from 2,400 to 17,000 dtex and stronger glass fiber rovings from 400 to 2,400 tex.



Our product range

- Air jets
- Aspirating, cutting and splicing units
- Bearings and rollers
- Friction discs
- Friction units
- Spindles

Certified Quality ISO 9001-2000

Yarn Splicer Heberlein® AirSplicer-40-2

Range of Application

| Type ¹⁾ | Synthetic filament yarns [dtex] | Cellulose filament yarns [dtex] | Glass fibers [tex] | Dyneema® [dtex] |
|--------------------|---------------------------------|---------------------------------|--------------------|-----------------|
| C | 3'000 – 6'000 | | 400 – 600 | |
| B | 5'000 – 9'000 | | 600 – 900 | |
| A | 7'000 – 13'000 | | 900 – 1'600 | |
| O | – 17'000 | | – 2'400 | |
| 1 ²⁾ | – 17'000 | | – 2'400 | |
| 2-F | 900 – 1'800 | 900 – 1'800 | 70 – 200 | – 800 |
| 2-E | 1'800 – 2'500 | 1'800 – 2'500 | 200 – 400 | – 1'800 |

1 Splicing jet insert (Blow chamber)

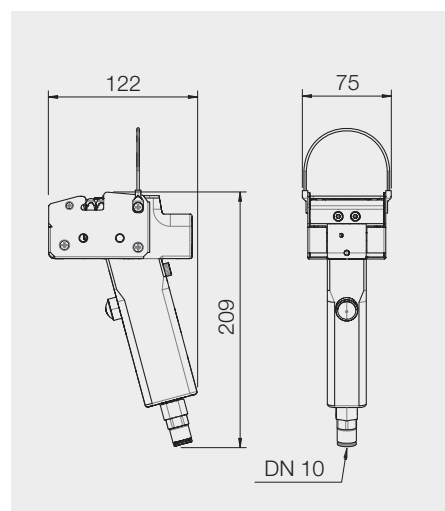
2 Suitable for high single filament count

For an optimal splicing result the choice of the correct splicing jet, the time of splicing and air pressure applied corresponding with the type and fineness of the yarn is important.

It is also possible to splice yarns over 7 dpf or with more than 150 TPM, subject to trial. For special demands we offer optimisation trials with your yarns without charge.

The strength of spliced standard yarns is 70-90% of the strength of the base yarn.

Dimensions and Weight



Weight 1'140 g

Compressed Air Requirements

Air pressure (gauge): 4 – 7 bar

Max. residual oil: 0,1 mg/m³ (2*)

Max. residual particles: (2*)

– Particle size 1 µm

– Particle density 1 mg/m³

Max. residual water: (5*)

– Residual water 7,732 g/m

– Dew point + 7 °C

* According to DIN ISO 8573-1 quality

Accessories



Stands with foot or hand activation switch