

# HEBERLEIN® SLIDEJET-FT15-2.

## AIR INTERLACING FOR FALSE-TWIST TEXTURING.

HIGHEST QUALITY INTERLACING FOR COST EFFECTIVE MANUFACTURING.

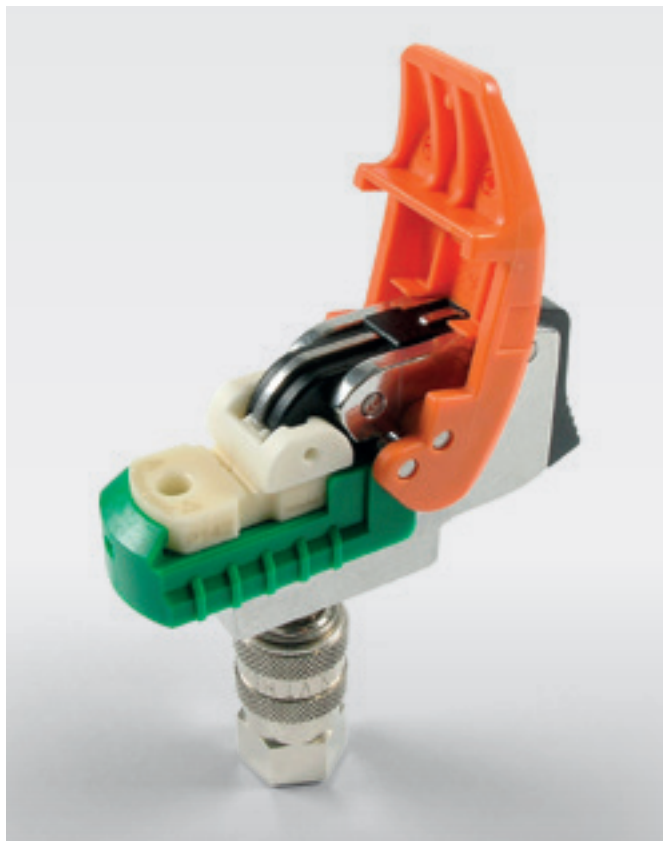
The SlideJet-FT15-2 is used for the high quality manufacturing and processing of filament yarns in the texturing process. The jet is a modular construction consisting of a quick release housing which works with an array of different inserts which are easily exchanged. The range of jet inserts covers all yarn types from very fine to coarse yarns.

### Air interlacing

Individual filaments are intermingled using a stream of compressed air. The resulting interlacing knots provide the required yarn compaction. This in turn leads to higher processing speeds, to an improved package build and reduced occurrence of broken filaments and yarn breaks in the downstream processes.

### Product range

- The P142-2, P143-2, P243-2, P244-2, P246-2 and P247-2 series with the patented ATC (Air Twist Chamber) for regular interlacing with maximum knot count up to 1200 m/min yarn speed. Both high and low interlacing stabilities are possible depending on air pressure and overfeed. The best conditions for regular interlacing of microfilament yarns are achieved at low air pressure, saving energy and protecting the yarn.
- The P212-2, P213-2, P312-2, P412-2 series with vortex chamber, for fewer but highly stable knots and the P310-2, P410-2 series for interlacing with the lowest possible knot count.



### Features and Benefits

- ▶ **Cost effective**  
uses the lowest air consumption of any model
- ▶ **New cutting edge technology jet plates for improved interlacing**
- ▶ **Push button mechanism for easy locking and unlocking from housings**
- ▶ **No screws**  
the jet plates connect to the slider with a bayonet locking
- ▶ **Easy to identify jet plates via colour coded sliders**
- ▶ **The ceramics provide hard-wearing and long-lasting use**
- ▶ **Simple to maintain and clean**

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**HEBERLEIN AG**

# Heberlein® SlideJet-FT15-2

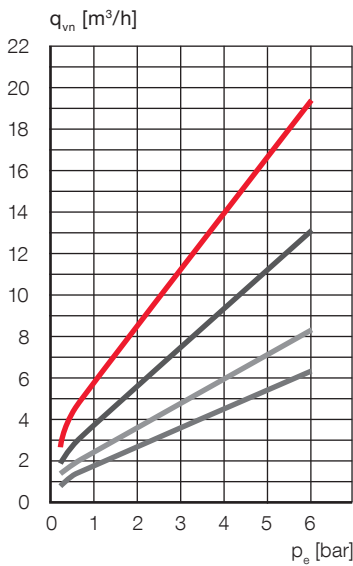
## Performance characteristics

Special remarks	Jet insert	Count range [dtex] (den = 0.9 dtex)	Air usage [m³/h]*
Very regular interlacing and high interlacing density up to 1200 m/min.	P142-2	50-110	0.562 (p <sub>e</sub> +1)
	P143-2	78-167	0.712 (p <sub>e</sub> +1)
	P243-2	110-240	0.911 (p <sub>e</sub> +1)
Reduced air consumption by means of Air Twist Chamber (ATC).	P244-2	167-330	1.142 (p <sub>e</sub> +1)
	P246-2	240-450	1.451 (p <sub>e</sub> +1)
	P247-2	330-660	1.785 (p <sub>e</sub> +1)
Less but long interlacing knots, high stability, wide range of application.	P212-2	110-240	0.911 (p <sub>e</sub> +1)
	P213-2	167-330	1.189 (p <sub>e</sub> +1)
	P312-2	240-450	1.859 (p <sub>e</sub> +1)
	P412-2	330-660	2.772 (p <sub>e</sub> +1)
Lowest possible interlacing density	P310-2	110-240	0.911 (p <sub>e</sub> +1)
	P410-2	167-330	1.149 (p <sub>e</sub> +1)

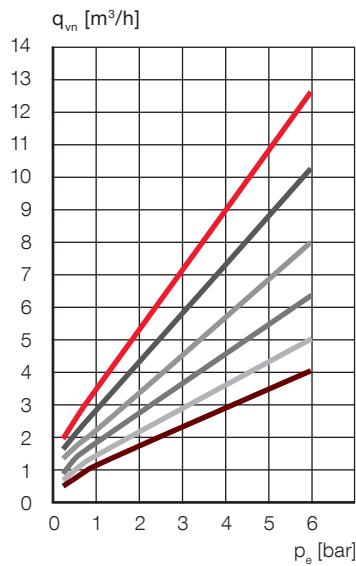


\* Formula applies from 0.8 bar, p<sub>e</sub> = pressure [bar]  
 Under standard conditions according to DIN 1343:  
 Temperature = 0 °C, pressure = 1.01325 bar, relative humidity = 0 % (1 standard cubic metre = 1.293 kg)  
 Losses in the compressed air system have not been considered.

## Air consumption



- P412
- P312
- P213, P410
- P212, P310



- P247
- P246
- P244
- P243
- P143
- P142

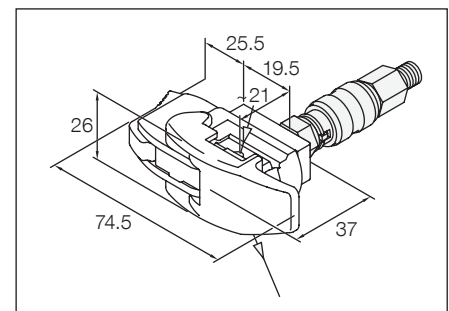
p<sub>e</sub> = gauge pressure [bar]  
 q<sub>vn</sub> = air consumption [m³/h]\*  
 psi = 14.7 x bar  
 CFM = 0.588 x m³/h

## Compressed air requirements

- Air pressure (gauge): max. 10 bar**
- Max. residual oil: 0.1 mg/m³ (class 2\*)
  - Max. residual particles: (class 2\*)
    - Particle size 1 µm
    - Particle density 1 mg/m³
  - Max. residual water: (class 5\*)
    - Residual water 7.732 g/m³
    - Dew point + 7 °C

\* According to DIN ISO 8573-1

## Dimensions and weight



Weight 58 g (without nipple and connector), dimensions in mm