

# HEBERLEIN® ATYJET-RC.

## AIR TEXTURING.

A NEW DIMENSION IN QUALITY AIR TEXTURING WITH T-JET TECHNOLOGY.

The Heberlein ATYJet-RC incorporates the best of the established T-series JetCore technology in a brand new performance enhanced design for cutting-edge production benefits.

The ATYJet-RC produces advanced yarn at common processing speeds, and is used to create very fine to coarse yarns made of polyester, polyamide and polypropylene and in the creation of high quality slub and fancy yarns.

### Air Texturing

The objective of air texturing is an increased volume of the yarn, but also the blending of several yarns with different characteristics.



### Features and Benefits

- ▶ **New cutting-edge design:** A one piece Carbon Fibre housing with the ceramic jet core fully integrated!
- ▶ **A shock resistant housing** providing hard wearing, long lasting use
- ▶ **Greater efficiency:** longer cycles between cleaning
- ▶ **Improved performance of T-Series (T311 and T321):** comparable yarn quality can be produced at higher speed or lower air consumption
- ▶ **Produces high yarn quality at common texturing speeds**
- ▶ **Universal usability:** no need to choose between left and right hand versions
- ▶ **A fixed pre-setting for auto-alignment** of the deflector pin, jet and yarn guide. No adjustment required
- ▶ **An integrated filter** protects from blockages
- ▶ **Easy threading and operation**
- ▶ **Easy to clean**

### Saurer Components AG

Bleikenstr. 11, 9630 Wattwil, Switzerland  
T +41 71 987 44 44, F +41 71 987 44 45  
info.heberlein@saurer.com · www.saurer.com

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Saurer Components, Switzerland  
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**HEBERLEIN AG**

# Heberlein® ATYJet-RC

## Performance characteristics

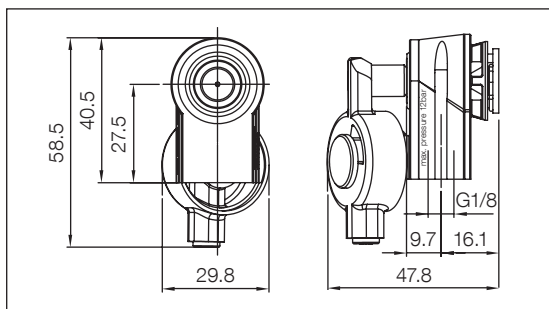
Type	Total feeder yarn count	Single filament count <sup>1</sup>	Max. overfeed effect yarn <sup>1</sup>	Max. winding-speed <sup>1</sup>	Air channel	Air usage [m <sup>3</sup> /h] <sup>2</sup>
RC311	80 - 360 dtex	1.0 - 2.5 dtex	- 60%	- 650 m/min	3 x 0.60mm	$q_{vn} = 0.54 \times (p_e + 1)$
RC321	150 - 500 dtex	1.0 - 3.5 dtex	- 60%	- 650 m/min	3 x 0.75mm	$q_{vn} = 0.81 \times (p_e + 1)$

<sup>1</sup> Values for guidance only: Depend on the properties of the feeder yarn being used, the machine settings and yarn guiding.

<sup>2</sup>  $p_e$  = gauge pressure [bar],  $q_{vn}$  = air consumption [m<sup>3</sup>/h]

according to DIN1343 standard conditions: Temperature = 0 °C, pressure = 1.01325 bar, relative humidity = 0 %, 1 standard cubic metre = 1.293 kg

## Dimensions and weight



Weight (without connecting parts): 44g

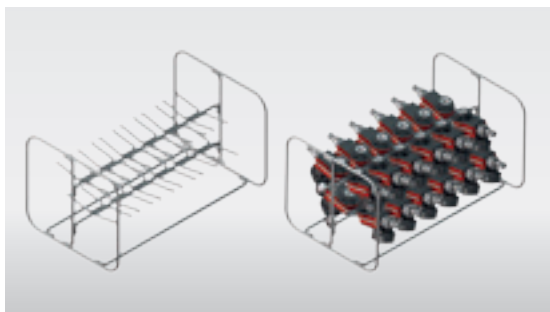
## Compressed air requirements

### Air pressure (gauge): 8 - max. 12 bar

- Max. residual oil: 0.1 mg/m<sup>3</sup> (class 2\*)
- Max. residual particles: (class 2\*)
  - Particle size 1 µm
  - Particle density 1 mg/m<sup>3</sup>
- Max. residual water: (class 5\*)
  - Residual water 7.732 g/m<sup>3</sup>
  - Dew point + 7 °C

\* According to DIN ISO 8573-1

## Accessories



The new cleaning holder for ultrasonic cleaning unit can be fitted with up to 24 Jets.