Specifically developed for aramid and industrial yarn where very strong joints are required.

ATS "C" type carrying Jointair 1401 on heating machine for carpet yarn.

ATS "C" type with JOINTAIR 1101 which automatically draw the yarn ends to be spliced.

ATS "C" type with JOINTAIR 110R installed on cops-winder for filament yarn.

Jointair EPI code 385 to separately join each ply of a two ply tyre cord.

ATS "L" type with Jointair 927B on conventional winder processing core spun sewing thread.

ATS "L" type with Jointair 4941A on finish winder processing sewing threads.

ATS with ILLMAN SPLICER on winder for carpet yarn.
Mesdan, a recognized leader in yarn joining since 1952, are now able to achieve knot-free joining at widely differing stages of textile processing employing a wide range of splicers, distinguished by the trade marks JOINTAIR” and “AQUASPLICER.

Rational solutions are available for any kind of textile machine. ATS is a complete system which can be fitted on all kinds of textile machinery where yarn joining is necessary, enabling a Jointair Splicer or an Aquasplicer to be positioned at any desired position for the convenience of the operator. Thanks to various standard support brackets, it can be easily attached in the optimum working position, leaving both hands free for yarn manipulation and thus increasing productivity.

ATS “C” TYPE
This is the basic model, ideal for the mounting and supply of air for lightweight splicing devices like Jointair 110R, 115, 116 and 1401.

ATS “L” TYPE
A reinforced model for the mounting and supply of air for heavier splicing devices such as Jointair 1101, 124, 927B, 4941A.

RANGE OF SPLICERS FOR FILAMENT AND INDUSTRIAL YARNS

<table>
<thead>
<tr>
<th>JOINTAIR/</th>
<th>Feature/Description</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>110R/110M</td>
<td>For fine and delicate filament yarns</td>
<td>Dtex 20 – 4000</td>
</tr>
<tr>
<td>116/116K</td>
<td>For plied filament or spun yarns</td>
<td>Tex 6 – 150</td>
</tr>
<tr>
<td>115/115G</td>
<td>For coarse yarns</td>
<td>Tex 200 – 800</td>
</tr>
<tr>
<td>114/114A</td>
<td>For yarns impossible to splice by pneumatic splicers</td>
<td>Dtex 200 – 3000</td>
</tr>
<tr>
<td>1101/1101A</td>
<td>For knot-free yarns</td>
<td>Up to Ø 4,5 mm</td>
</tr>
<tr>
<td>116G/116GK</td>
<td>For filament rovings and coarse industrial yarns</td>
<td>Up to Ø 4,5 mm</td>
</tr>
<tr>
<td>124/124A</td>
<td>For synthetic sewing threads and tyre cord</td>
<td>Tex 200 – 3000</td>
</tr>
<tr>
<td>1401/1401A</td>
<td>For tyre cord two ply yarns</td>
<td>Tex 200 – 800</td>
</tr>
<tr>
<td>927B/927B</td>
<td>For filament rovings and coarse industrial yarns</td>
<td>Tex 200 – 800</td>
</tr>
<tr>
<td>4941A/4941A</td>
<td>For synthetic sewing threads and tyre cord</td>
<td>Tex 10 – 200</td>
</tr>
</tbody>
</table>

TEXTILE LABORATORY EQUIPMENT

In addition to splicers and knotters, Mesdan is manufacturing and supplying a variety of instruments for textile laboratory which are marketed through their division named MESDAN-LAB. The division has profited from the vast knowledge of fibres, yarns and fabrics accumulated over five decades' presence in the world textile markets and this, coupled with the company's strong background in the design and manufacture of fine mechanisms, places MESDAN-LAB in the forefront of Laboratory Equipment manufacture. The complete range of Mesdan-Lab instruments is illustrated in a specific catalogue.

MISCELLANEOUS OPERATED SPlicERS FOR KNOTFREE YARNS

- For fine and delicate filament, industrial yarns and sewing threads:
  - JOINTAIR 110R-110M
  - JOINTAIR 116
  - JOINTAIR 124
  - JOINTAIR 114-115
  - JOINTAIR 1101
  - JOINTAIR 116K
  - JOINTAIR 927B
  - JOINTAIR 1401
  - JOINTAIR 4941A

- For fine and delicate filament, industrial yarns and sewing threads, suitable for a wide range of textile machines, including automatic winders, twist machines, reeling machines, hank to cone winders, drawtexturising machines, embroidery machines, creels, etc.

- BASE 100/200/300/500/1000:
  - For users requiring simple, single-action splicers.
  - For the economical joining of yarns and threads.

- BASE 1000:
  - For users requiring a high-speed, single-action splicer.

- BASE 2000:
  - For users requiring a high-speed, single-action splicer.

- BASE 3000:
  - For users requiring a high-speed, single-action splicer.

- BASE 5000:
  - For users requiring a high-speed, single-action splicer.

- BASE 10000:
  - For users requiring a high-speed, single-action splicer.

- BASE 20000:
  - For users requiring a high-speed, single-action splicer.

- BASE 30000:
  - For users requiring a high-speed, single-action splicer.

- BASE 50000:
  - For users requiring a high-speed, single-action splicer.

- BASE 100000:
  - For users requiring a high-speed, single-action splicer.

- BASE 200000:
  - For users requiring a high-speed, single-action splicer.

- BASE 300000:
  - For users requiring a high-speed, single-action splicer.

- BASE 500000:
  - For users requiring a high-speed, single-action splicer.

- BASE 1000000:
  - For users requiring a high-speed, single-action splicer.

- BASE 2000000:
  - For users requiring a high-speed, single-action splicer.

- BASE 3000000:
  - For users requiring a high-speed, single-action splicer.

- BASE 5000000:
  - For users requiring a high-speed, single-action splicer.

- BASE 10000000:
  - For users requiring a high-speed, single-action splicer.