International Textile Machinery Shipment Statistics 2019

ITMF Textile Machinery Workshop 2020

May 6th, 2020 – CANCELLED

Frankfurt, Germany
Contents

Global Shipment of New Textile Machinery (2010-2019)

1. Spinning Machines
2. Texturing Machines
3. Weaving Machines
4. Circular Knitting Machines
5. Flat Knitting Machines
6. Finishing Machines
Spinning Machines
Short-Staple Spindles

Global Shipment of New Textile Machinery (2010-2019)
Shipped Short-Staple Spindles

World (million units)

-20% YonY% (2019)
Shipped Short-Staple Spindles
By Regions (Share to World Total)

China's share:
- 2010: 63%
- 2011: 62%
- 2012: 61%
- 2013: 54%
- 2014: 45%
- 2015: 36%
- 2016: 46%
- 2017: 46%
- 2018: 44%
- 2019: 51%

Regions:
- Asia and Oceania
- Europe, Others
- America, North
- Africa
- Europe, West
- America, South
- Europe, East

Share percentages for each region from 2010 to 2019.
Shipped Short-Staple Spindles
10 Biggest Investors (2019) (million units)

- China: 3.6
- India: 1.0
- Uzbekistan: 0.5
- Vietnam: 0.5
- Pakistan: 0.4
- Bangladesh: 0.3
- Turkey: 0.2
- Ethiopia: 0.1
- Honduras: 0.1
- Indonesia: 0.1
Shipped Short- Staple Spindles

Selected Countries

(million units)

(million units)


China

India

Bangladesh

Pakistan

Indonesia

Vietnam
Spinning Machines
Open-End Rotors

Global Shipment of New Textile Machinery (2010-2019)
Shipped Rotors

World (thousand units)

2010: 400
2011: 574
2012: 721
2013: 574
2014: 721
2015: 574
2016: 721
2017: 574
2018: 721
2019: 574

-20% YonY% (2019)
Shipped Rotors
By Regions (Share to World Total)

<table>
<thead>
<tr>
<th>Year</th>
<th>Asia and Oceania</th>
<th>Europe, Others</th>
<th>Africa</th>
<th>America, South</th>
<th>America, North</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>83%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>13%</td>
</tr>
<tr>
<td>2011</td>
<td>81%</td>
<td>2%</td>
<td>0%</td>
<td>3%</td>
<td>12%</td>
</tr>
<tr>
<td>2012</td>
<td>90%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>11%</td>
</tr>
<tr>
<td>2013</td>
<td>79%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>10%</td>
</tr>
<tr>
<td>2014</td>
<td>64%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
<tr>
<td>2015</td>
<td>81%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
<tr>
<td>2016</td>
<td>92%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
<tr>
<td>2017</td>
<td>85%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
<tr>
<td>2018</td>
<td>91%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
<tr>
<td>2019</td>
<td>90%</td>
<td>1%</td>
<td>0%</td>
<td>3%</td>
<td>9%</td>
</tr>
</tbody>
</table>
Shipped Rotors
10 Biggest Investors (2019) (thousand units)

- China: 330
- Vietnam: 62
- India: 41
- Uzbekistan: 29
- Indonesia: 26
- Not specified (World): 21
- Pakistan: 15
- Brazil: 13
- Turkey: 11
- Bangladesh: 8
Shipped Rotors
Selected Countries

(Thousand units)

China
India

Bangladesh
Indonesia
Pakistan
Vietnam


(thousand units)
Spinning Machines
Long-Staple Spindles

Global Shipment of New Textile Machinery (2010-2019)
Shipped Long-Staple Spindles

World (thousand units)

-66%

YonY% (2019)
Shipped Long-Staple Spindles
By Regions (Share to World Total)

China's share

<table>
<thead>
<tr>
<th>Year</th>
<th>Asia and Oceania</th>
<th>Europe, Others</th>
<th>America, North</th>
<th>Africa</th>
<th>Europe, East</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>73%</td>
<td>50%</td>
<td>51%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>72%</td>
<td>59%</td>
<td>76%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>76%</td>
<td>64%</td>
<td>81%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>52%</td>
<td>40%</td>
<td>43%</td>
<td>45%</td>
<td>36%</td>
</tr>
<tr>
<td>2013</td>
<td>36%</td>
<td>45%</td>
<td>36%</td>
<td>21%</td>
<td>39%</td>
</tr>
<tr>
<td>2016</td>
<td>68%</td>
<td>39%</td>
<td>68%</td>
<td>54%</td>
<td></td>
</tr>
<tr>
<td>2019</td>
<td>74%</td>
<td>54%</td>
<td>74%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Regions:
- Asia and Oceania
- Europe, Others
- America, North
- America, South
- Europe, West
- Europe, East
- Africa

Share to World Total:

- Europe, West
- Africa
- Europe, East
- America, South
- America, North
- Europe, Others
- Asia and Oceania

Share Percentages:
- 2001: 59%
- 2004: 53%
- 2007: 53%
- 2010: 49%
- 2013: 45%
- 2016: 39%
- 2019: 45%
Shipped Long-Staple Spindles

10 Biggest Investors (2019) (thousand units)

- China: 26.2
- Italy: 5.3
- India: 3.8
- Belgium: 2.9
- Azerbaijan: 0.5
- Peru: 0.4
- U.S.A.: 0.3
- Norway: 0.3
- South Africa: 0.3
- Romania: 0.2
Shipped Long-Staple Spindles
Selected Countries

(thousand units)
Texturing Machines
False Twist – Single & Double Heater

Global Shipment of New Textile Machinery (2010-2019)
Shipped Texturing Spindles

World

(Thousand units)

-5%

YonY% (2019)
Shipped Texturing Spindles
By Regions (Share to World Total)

<table>
<thead>
<tr>
<th>Year</th>
<th>China's Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>70%</td>
</tr>
<tr>
<td>2011</td>
<td>75%</td>
</tr>
<tr>
<td>2012</td>
<td>68%</td>
</tr>
<tr>
<td>2013</td>
<td>72%</td>
</tr>
<tr>
<td>2014</td>
<td>61%</td>
</tr>
<tr>
<td>2015</td>
<td>56%</td>
</tr>
<tr>
<td>2016</td>
<td>57%</td>
</tr>
<tr>
<td>2017</td>
<td>66%</td>
</tr>
<tr>
<td>2018</td>
<td>68%</td>
</tr>
<tr>
<td>2019</td>
<td>69%</td>
</tr>
</tbody>
</table>

Legend:
- Green: Asia and Oceania
- Orange: Africa
- Yellow: Europe, Others
- Blue: America, North
- Gray: America, South
- Black: Europe, East
- Dark Blue: Europe, West
Shipped Texturing Spindles

10 Biggest Investors (2019)

<table>
<thead>
<tr>
<th>Country</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>338</td>
</tr>
<tr>
<td>Vietnam</td>
<td>32</td>
</tr>
<tr>
<td>Japan</td>
<td>25</td>
</tr>
<tr>
<td>Turkey</td>
<td>13</td>
</tr>
<tr>
<td>Indonesia</td>
<td>10</td>
</tr>
<tr>
<td>Iran</td>
<td>6</td>
</tr>
<tr>
<td>France</td>
<td>6</td>
</tr>
<tr>
<td>India</td>
<td>5</td>
</tr>
<tr>
<td>Chinese Taipei</td>
<td>5</td>
</tr>
<tr>
<td>U.S.A.</td>
<td>4</td>
</tr>
</tbody>
</table>
Shipped Texturing Spindles

Selected Countries

(Thousand units)
Weaving Machines
Air-Jet, Rapier and Projectile, Water-Jet
Global Shipment of New Textile Machinery (2010-2019)
Shipped Shuttle-Less Looms

World (thousand units)


-1%
YonY% (2019)
Shipped Shuttle-Less Looms
By Regions (Share to World Total)

China's share

<table>
<thead>
<tr>
<th>Year</th>
<th>Asia and Oceania</th>
<th>Europe, Others</th>
<th>Africa</th>
<th>Europe, West</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>97%</td>
<td></td>
<td></td>
<td>97%</td>
</tr>
<tr>
<td>2011</td>
<td>97%</td>
<td></td>
<td></td>
<td>97%</td>
</tr>
<tr>
<td>2012</td>
<td>93%</td>
<td></td>
<td></td>
<td>93%</td>
</tr>
<tr>
<td>2013</td>
<td>92%</td>
<td></td>
<td></td>
<td>90%</td>
</tr>
<tr>
<td>2014</td>
<td>90%</td>
<td></td>
<td></td>
<td>93%</td>
</tr>
<tr>
<td>2015</td>
<td>93%</td>
<td></td>
<td></td>
<td>91%</td>
</tr>
<tr>
<td>2016</td>
<td>91%</td>
<td></td>
<td></td>
<td>91%</td>
</tr>
<tr>
<td>2017</td>
<td>91%</td>
<td></td>
<td></td>
<td>94%</td>
</tr>
<tr>
<td>2018</td>
<td>94%</td>
<td></td>
<td></td>
<td>95%</td>
</tr>
<tr>
<td>2019</td>
<td>95%</td>
<td></td>
<td></td>
<td>95%</td>
</tr>
</tbody>
</table>
Shipped Shuttle-Less Looms
10 Biggest Investors (2019) (thousand units)

- China: 96
- India: 16
- Bangladesh: 5
- Vietnam: 2
- Turkey: 2
- Pakistan: 2
- Indonesia: 2
- Uzbekistan: 2
- Chinese Taipei: 1
- Egypt: 1
Shipped Shuttle-Less Looms
Selected Countries

(thousand units)


Bangladesh
India
Indonesia
Vietnam

Japan
Turkey
U.S.A.
Large Circular Knitting Machines

Single (up to 24 inch), Single (26 inch or over)
Double (up to 24 inch), Double (26 inch or over)

Global Shipment of New Textile Machinery (2010-2019)
Shipped Large Circular Knitting Machines

World (thousand units)


26.4 26.9

2%

YonY% (2019)
Shipped Large Circular Knitting Machines
By Regions (Share to World Total)

China's share

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Share</td>
<td>92%</td>
<td>91%</td>
<td>92%</td>
<td>91%</td>
<td>88%</td>
<td>88%</td>
<td>87%</td>
<td>85%</td>
<td>85%</td>
<td>86%</td>
</tr>
</tbody>
</table>

- **Asia and Oceania**
- **Europe, Others**
- **Africa**
- **Europe, West**
- **America, North**
- **America, South**
- **Europe, East**
- **Not specified (World)**
**Shipped Large Circular Knitting Machines**

10 Biggest Investors (2019) (thousand units)

- **China**: 13.1
- **India**: 2.7
- **Vietnam**: 2.2
- **Bangladesh**: 1.0
- **Turkey**: 0.8
- **Pakistan**: 0.8
- **Indonesia**: 0.6
- **Egypt**: 0.6
- **Uzbekistan**: 0.5
- **Chinese Taipei**: 0.5
Shipped Large Circular Knitting Machines

By Sub-Category

- Double (26 inch or over)
- Single (26 inch or over)
- Double (up to 24 inch)
- Single (up to 24 inch)

(thousand units)
Shipped Large Circular Knitting Machines

Selected Countries

(thousand units)

India
Bangladesh
Indonesia
Turkey
Vietnam

Flat Knitting Machines

Flat Knitting Machines up to 70”
Flat Knitting Machines 70” and over

Global Shipment of New Textile Machinery (2010-2019)
Shipped Electronic Flat Knitting Machines

World (thousand units)

-40%

YonY% (2019)
Shipped Electronic Flat Knitting Machines

By Regions (Share to World Total)

China's share over the years:
- 2010: 74%
- 2011: 78%
- 2012: 72%
- 2013: 59%
- 2014: 42%
- 2015: 51%
- 2016: 73%
- 2017: 77%
- 2018: 76%
- 2019: 72%

Regions share by year:
- Europe, East: 0% (2010), 0% (2011), 0% (2012), 0% (2013), 0% (2014), 0% (2015), 0% (2016), 0% (2017), 0% (2018), 0% (2019)
- America, South: 0% (2010), 0% (2011), 0% (2012), 0% (2013), 0% (2014), 0% (2015), 0% (2016), 0% (2017), 0% (2018), 0% (2019)
- America, North: 0% (2010), 0% (2011), 0% (2012), 0% (2013), 0% (2014), 0% (2015), 0% (2016), 0% (2017), 0% (2018), 0% (2019)

Note: Africa's data is not available.
Shipped Electronic Flat Knitting Machines

10 Biggest Investors (2019) (thousand units)

- China: 68.8
- India: 6.8
- Vietnam: 3.6
- Cambodia: 1.8
- Turkey: 1.7
- Myanmar: 1.6
- Indonesia: 0.9
- Italy: 0.9
- Hong Kong, China: 0.9
- Bangladesh: 0.8
Finishing Machines

Fabric Continuous (woven & knit)
[Bleaching – Line, Dyeing - Line (Hotflue), Dyeing - Line (CPB), Mercerizing – Line, Relax Dryers/Tumblers, Sanforizers/Compacters, Singeing Line, Stenters, Washing (stand-alone)]

Fabric Discontinuous (woven & knit)
[Air Jet Dyeing, Jigger Dyeing / Beam Dyeing, Overflow Dyeing]

**Shipped Finishing Machines (Continuous)**

**World & Region, per Sub-Category**

<table>
<thead>
<tr>
<th>Sub-Category</th>
<th>2015</th>
<th>2017</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stenters</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Asia and Oceania              | 872  | 1,080| 1,700*
| Europe                        |      |      |      |
| America                       | 202  | 93   | 60   |
| Africa                        |      |      |      |
| Not specified                 |      |      |      |

- *Data entails estimates for world market for the first time in 2019*
Shipped Finishing Machines (Continuous)
World & Region, per Sub-Category (units)

Mercerizing - Line

Dyeing - Line (CPB)

Dyeing - Line (Hotflue)

Singeing Line

Asia and Oceania  Europe  America  Africa  Not specified
Shipped Finishing Machines (Discontinuous)
World & Region, per Sub-Category (units)

Overflow Dyeing

Air Jet Dyeing

Jigger Dyeing / Beam Dyeing

Asia and Oceania
Europe
America
Africa
Not specified

2'020
1'689
1'322
1'218
415
561

2015 2017 2019

2015 2017 2019

2015 2017 2019
Thank you for your attention