OFc 20
Fiber Draw Tower

For High Speed Production
The Nextrom telecom fiber draw towers are suitable for a wide range of **large preforms** for **single mode** production.

**Modular construction** provides a good standard solution for manufacturing but also **flexibility in customizing draw towers** to your specifications.

**Long and extensive experience** in fiber draw has accumulated a lot of know-how, which is built into Nextrom’s fiber draw products.

Continuous developments are done on a daily basis on Nextrom’s R&D draw tower.

This means you have the latest technologies and processes to stay on the cutting edge of the industry.

Nextrom has been supplying fiber draw towers since 1985.

Nextrom has delivered more than 180 draw lines.
FLEXIBLE CONSTRUCTION

A variety of components are available to fulfill different customer requirements:

- Furnace solutions for large and small preforms
- Dynamic Iris for preforms with large outer diameter variations
- Fiber cooling solutions
- Helium Recovery Unit
- Wet-on-wet coating systems
- Refilling cabinet for coating system
- Acrylate delivery system
- Several different diameter measurement gauges
- Non-contact tension measurement systems
- A variety of start-up and master capstans
- Single and dual take-ups
- Advanced process control and data logging system

HIGH CAPACITY DRAW

- Preform feeding system for long and heavy preforms
- Induction furnace for large diameter preforms

HIGH SPEED FIBER DRAWING

- Induction furnace for high speed process
- Fiber cooling system with effective helium recovery
- Wet-on-wet coating system
- Dual take-up for high speed winding and change-over

ANNUAL YIELDED CAPACITY WITH ONE DRAW LINE  (Preform 2 m)

Drawing 200 mm Diameter Preforms
<table>
<thead>
<tr>
<th>TECHNICAL SPECIFICATIONS</th>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Maximum Preform Size</strong></td>
<td>7 m</td>
</tr>
<tr>
<td><strong>Maximum Preform Diameter</strong></td>
<td>200 mm</td>
</tr>
<tr>
<td><strong>Tower Height</strong></td>
<td>up to 30/38 m higher towers with larger footprint</td>
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<tr>
<td><strong>Structural Speed</strong></td>
<td>up to 3000 m/min</td>
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<tr>
<td><strong>Process Speed</strong></td>
<td>up to 2000/2500 m/min depending on the tower configuration and coating conditions</td>
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Dual Fiber Take-Up DFT 2500