

TECHNICAL DATA

TECHNICAL SPECIFICATIONS

Maximum preform size	8.8 m, including handle
Maximum preform diameter	230 mm
Tower height	up to 30/33/35/38 m higher towers with larger footprint, quad tower opt-in available
Structural speed	up to 3500 m/min
Process speed	up to 2500 / 3000 m/min depending on the tower configuration and coating conditions



Dual fiber take-up DFT 2500



OFC 20 fiber draw tower

For high speed production



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MADE IN EUROPE

FIBER DRAW TOWER OFC 20



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

The **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.

Offering **end-to-end support**, from plant analysis and design through personnel training to support from the installation supervision.

Production start-up of a telecom production plant with **expertise and technology-transfer** for the final goal of performing in all production phases.

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.

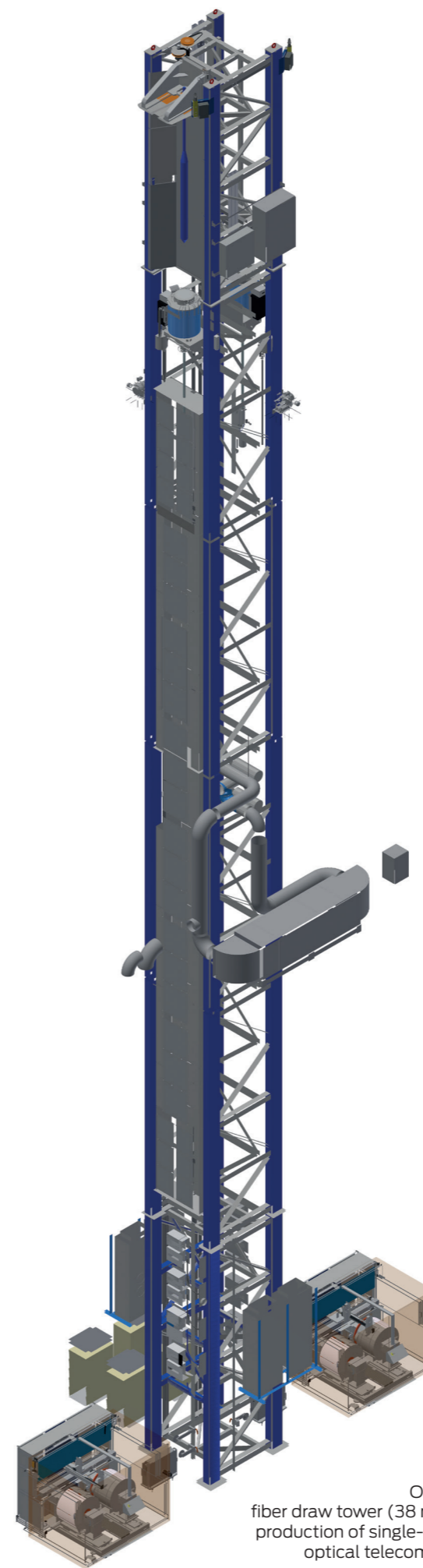
Nextrom has been supplying fiber draw towers since 1985.

Nextrom has delivered more than 270 draw lines.

OFC 20



Tall preform feeding unit for up to 230 mm preforms



OFC 20 fiber draw tower (38 m) for production of single-mode optical telecom fiber

COMPONENTS

HIGH CAPACITY DRAW

- preform feeding system for long and heavy preforms
- induction furnace for large diameter preforms
- acrylate pumping system

HIGH SPEED FIBER DRAWING

- induction furnace for high speed process
- fiber cooling system with effective helium recovery
- wet-on-wet coating system
- high speed fiber capstan
- dual take-up for high speed winding and change-over

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

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

