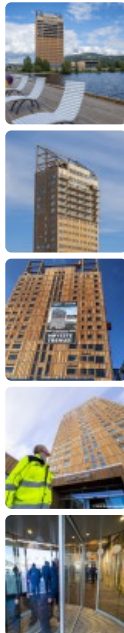


## Mjøstårnet



Click an image to view larger version.



Height: To Tip  
88.8 m / 291 ft

Height: Architectural  
85.4 m / 280 ft

Height: Occupied  
68.2 m / 224 ft



Floors Above Ground	18
Floors Below Ground	1
# of Elevators	3
Top Elevator Speed	2.5 m/s
Tower GFA	11,300 m <sup>2</sup> / 121,632 ft <sup>2</sup>
Development GFA	16,000 m <sup>2</sup> / 172,223 ft <sup>2</sup>
# of Apartments	33
# of Hotel Rooms	72
# of Parking Spaces	175

### Facts

Official Name	Mjøstårnet
Other Names	Wood Hotel by Frich's, Mjøs tower
Structure Type	Building
Status	COM
Country	Norway
City	Brumunddal
Street Address & Map	Nils Amblis Veg
Postal Code	2380
Building Function	residential / hotel / office
Structural Material	timber
Proposed	2016
Construction Start	2017
Completion	2019
Official Website	<a href="#">Wood Hotel by Frich's</a>

### Companies Involved

Owner/Developer	AB Invest AS
Architect	<ul style="list-style-type: none"> <li>Design: Voll Arkitekter</li> </ul>
Structural Engineer	<ul style="list-style-type: none"> <li>Design: Moelven; SWECO AB</li> </ul>
MEP Engineer	<ul style="list-style-type: none"> <li>Design: GK Gruppen AS</li> </ul>
Project Manager	Hent AS
Main Contractor	Hent AS; Moelven
Other Consultant	<ul style="list-style-type: none"> <li>Fire: SWECO AB</li> </ul>
Material Supplier	<ul style="list-style-type: none"> <li>Cladding: RVT; Woodify AS</li> <li>Joints/Fasteners: Rothoblaas</li> <li>Paint/Coating: Teknos Group</li> <li>Steel: Nordic Steel Group</li> <li>Structural Timber: MetsäWood; Moelven; Stora Enso Wood Products Oy Ltd</li> </ul>

### About Mjøstårnet

The design concept of Mjøstårnet was inspired by the Paris Agreement to combat climate change and began as an idea to reduce carbon dioxide emissions while sustainably sourcing construction materials locally.

All key structural components of Mjøstårnet are composed of engineered timber, utilizing glue-laminated timber for beams and columns and cross-laminated timber for the core walls containing the building's elevator and stairway shafts. The glue-laminated columns were fabricated with pre-drilled holes and assembled onsite into vertical trusses of up to five floors in height, providing stability to horizontal and vertical forces. Floor slabs for levels 11 and below are also crafted from timber beams, topped with laminated veneer lumber and a thin 50-millimeter layer of concrete for acoustical and vibrational performance, while levels 12 and above have floor slabs fully composed of concrete to increase weight and achieve the desired dynamic behavior in periods of strong winds.

### CTBUH Initiatives

**Mjøstårnet, "Tallest Timber Building in the World" Signboard**  
22 Apr 2019 – Event Report

### CTBUH Awards

**Structural Engineering Award 2020 Award of Excellence**  
CTBUH Awards 2020

**CTBUH Ratifies “World’s Tallest Timber Building” Following Height**

14 Mar 2019 – CTBUH-Related News

**2019 Tall Building Predictions for the Year to Come**

22 Jan 2019 – CTBUH News

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