

THE POWER
TO DELIVER

lmwindpower.com

# TOGETHER, WE CAPTURE THE WIND TO POWER A CLEANER WORLD

Aarhus 04/11-2019

**By KBC / ARH**

LM WIND POWER
a GE Renewable Energy business

# LM Presentation

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- Who are we
- Where do we come from
- What are we part of
- What to be proud of
- How to addapt to the future

# The early years

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## 1940

Lunderskov Møbelfabrik (LM) was established by Aage Skouboe & Ejnar Lorentzen, producing a line of wooden furniture



## 1948

Camping trailer production - high quality carpentry



## 1953

Start to work with fiber glass – LM Camping and LM Glasfiber are established as separate units and unites high quality carpentry with glass fiber exterior



## 1967

Motor sailers – again, glass fiber exterior and wooden interior. For a long time boats was synonymous with LM Glasfiber



## 1978

Rotor blade production began…

# From Glass fiber to wind power

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**1989**
Largest independent Manufacturer of rotor blades

**2001**
Doughty Hanson acquires LM Glasfiber

**2006**
Global management; Global R&D

**2009**
LM Glasfiber + Svendborg Brakes combine

**2010**
LM Glasfiber becomes LM Wind Power

**2013**
Doughty Hanson sells Svendborg Brakes

**2017**
GE acquires LM Wind Power



**1993**
India

**1994**
Spain

**1999**
USA

**2001**
China

**2006**
Canada

**2007**
Additional plants , Spain, India and China

Global business office in The Netherlands

**2008**
Additional plant, USA

Poland

**2010**
Additional plant, China

**2013**
Brazil

**2016**
Additional plant, India

Turkey

**2017**
Additional plant, China

France, first dedicated offshore plant



**1996**
1st generation Lightning Protection

Vortex generators

**1999**
VARTM vacuum infusion technology

**2002**
Pre-bending

**2003**
FutureBlade technology

**2004**
61.5 m blade introduced (world's longest blade at the time

**2012**
73.5 m blade introduced (world's longest blade at the time)

**2016**
88.4 m blade introduced (world's longest blade at the time)

**2019**
107.0 m blade introduced (world's longest blade at the time)

Split-blade technology

# Highlights



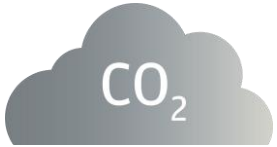
**15** blade factories



**13,998** people worldwide



**1/5** turbines in the world have LM Wind Power blades




**212** million metric tons Of $CO_2$ mitigated



**102 GW** installed capacity



**10,979** blades produced in 2018

# Highlights

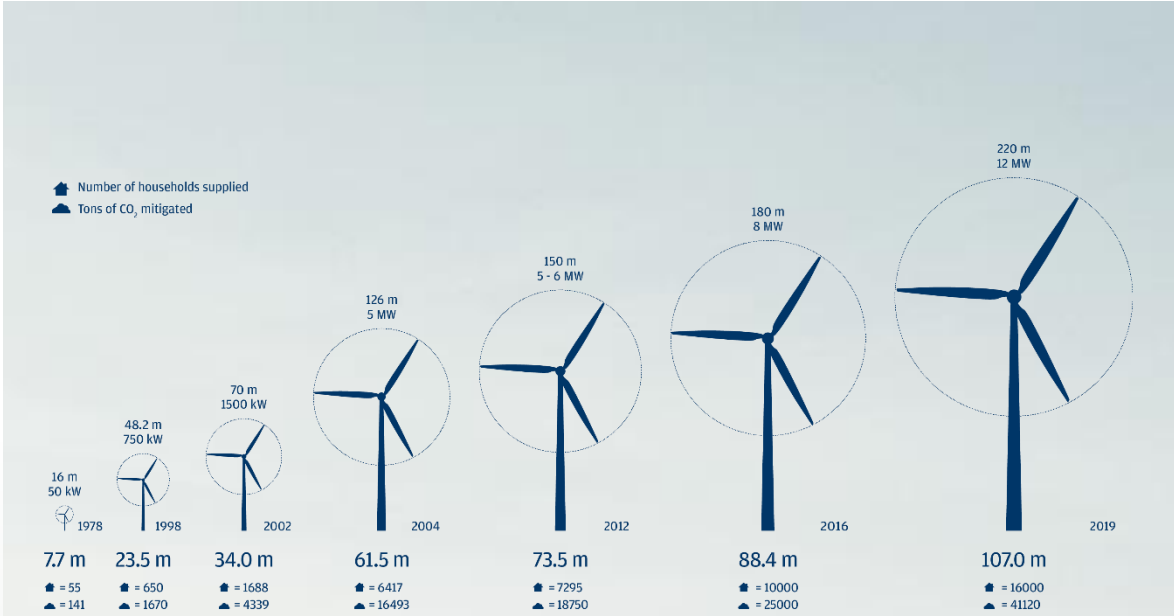


**Headquarters**
Kolding, Denmark

**Factories and service locations**
Brazil, Canada, China, Denmark, India, Poland, Spain, USA, Turkey

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# Big, Bigger, Biggest




Calculations are based on European data

# Loading the first LM 107 meter blade

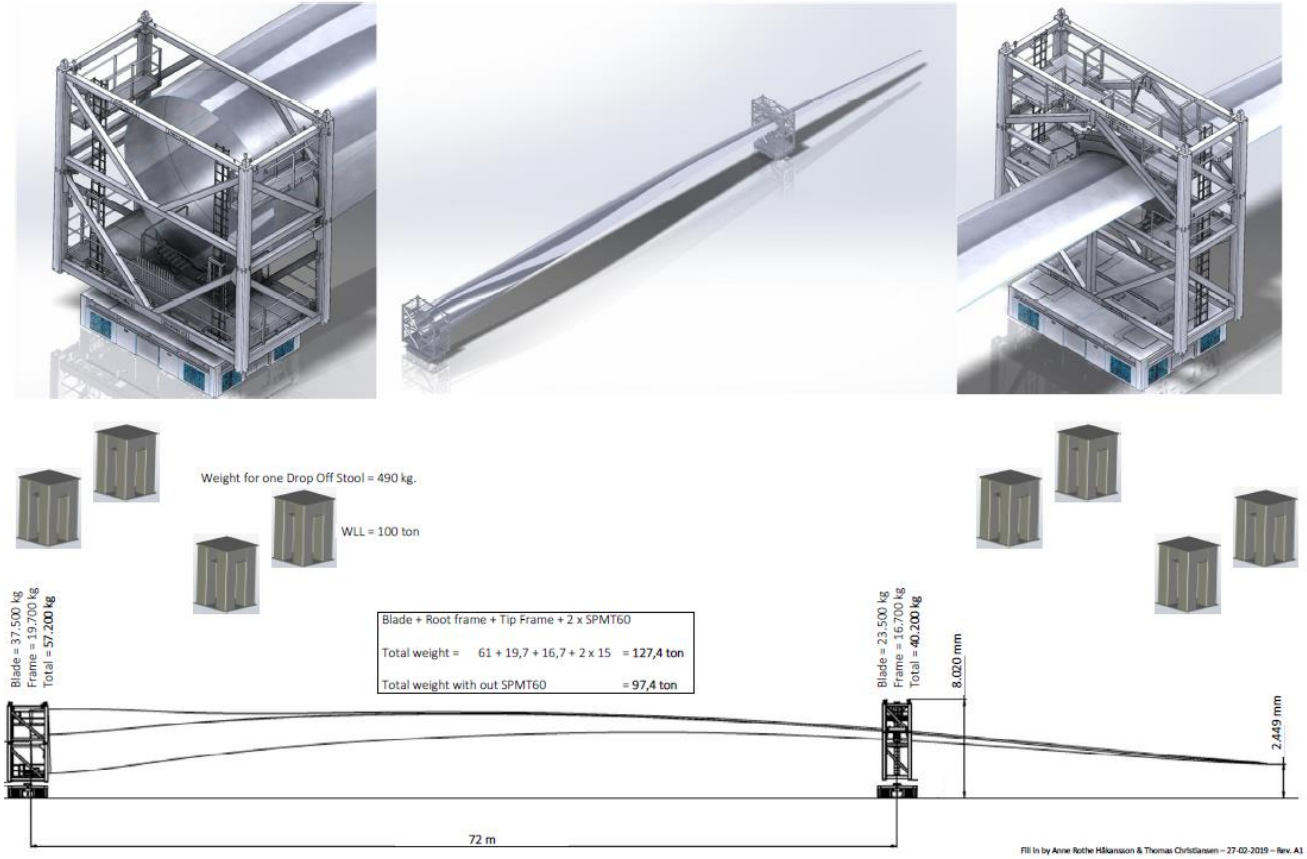
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# LM 107 Off-shore blade

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Internal transport of 107 m blade in GE transport frames



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# Together, we capture the wind to power a cleaner world

