

Maj 2023

Ellinor Persson

BorgWarner



Safety first

- **Utrymningsväg**
 - Genom receptionen, samma väg ni kom
 - Återsamlingsplats: Besöksparkeringen
- **Rundvandningen**
 - Skyddsskor
 - Besöksväst
 - Fotoförbud



Safety.
Everyone.
Everyday.

BorgWarner in Numbers

~49,000
employees

93 22

Locations

Countries

2021 Sales

\$14.8
Billion

Employee and location information as of March 2, 2022

Strategic Global Operations

30

locations in
the Americas

29

locations in
Europe

34

locations in
Asia



BorgWarner partners with customers around the world to bring the right technology to market at the right value.

Location information as of March 2, 2021

BorgWarner Landskrona

- ~ 600 anställda
- Två business units
- Tillverkar ca 1 miljon enheter per år
- Globalt utvecklingscenter
 - Center of excellence för mjukvaruutveckling



SCANIA



Product History



- 1880- Thulin verken
- 1988 - Patent by Sigvard "Sigge" Johansson
- 1992 - Patent acquired by Haldex
- 1992 - Contact initiated with the VW Group
- 1994 - Introduction of ECU development
- 1996 - Serial development contract (VW)
- 1998 - SOP Generation I
- 2002 - SOP Generation II
- 2004 - SOP Generation III
- 2007 - SOP Generation IV
- 2008 - SOP Haldex XWD
- 2011- 
- 2012 - SOP Haldex Gen V
- 2019 – SOP Gen VI
- 2020 – SOP Rotating Electric

Produktbeskrivning

- DBS
 - Elektrohydraulisk lamellkoppling
 - Överför moment from framaxel till bakaxel
 - Reglering beroende på körsituation
-
- PDS
 - Elmotorer för hybrid eller elfordon

S- Wind Electric Machine



All-Wheel Drive Coupling



High Voltage Hairpin (HVH) Electric Machine

Machining (Gen V, Gen VI)



Machines: 13 machines (4-axis machining centers, Hüller Hille and Heller)

SOP: 2003

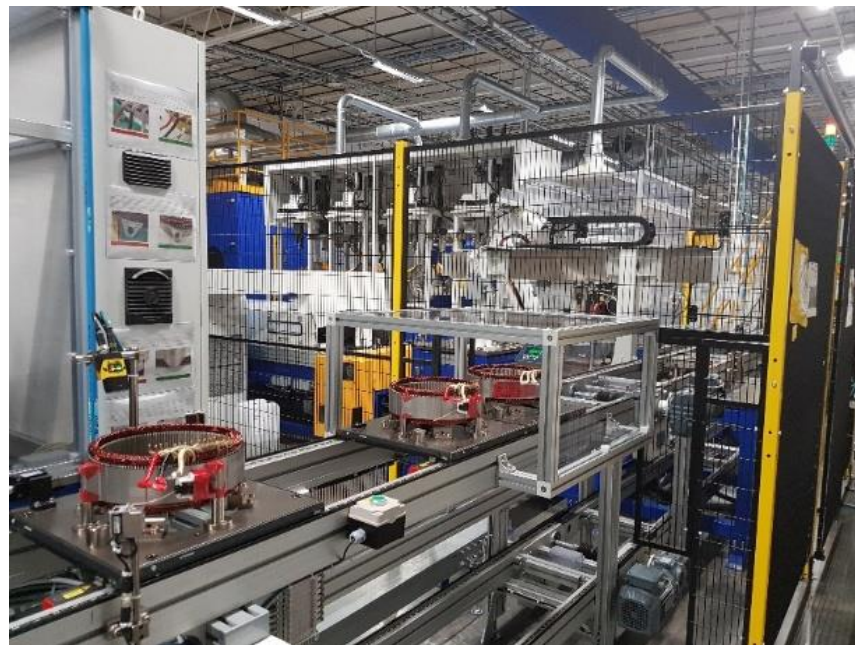
Capacity: 2 200 000 units/year

Coupling Assembly (Gen V, Gen VI)



Lines: 5 semi automatic assembly lines
SOP: 2008, 2009, 2013, 2014 and 2018
Capacity: 2 200 000 units/year

Rotating Electric Assembly

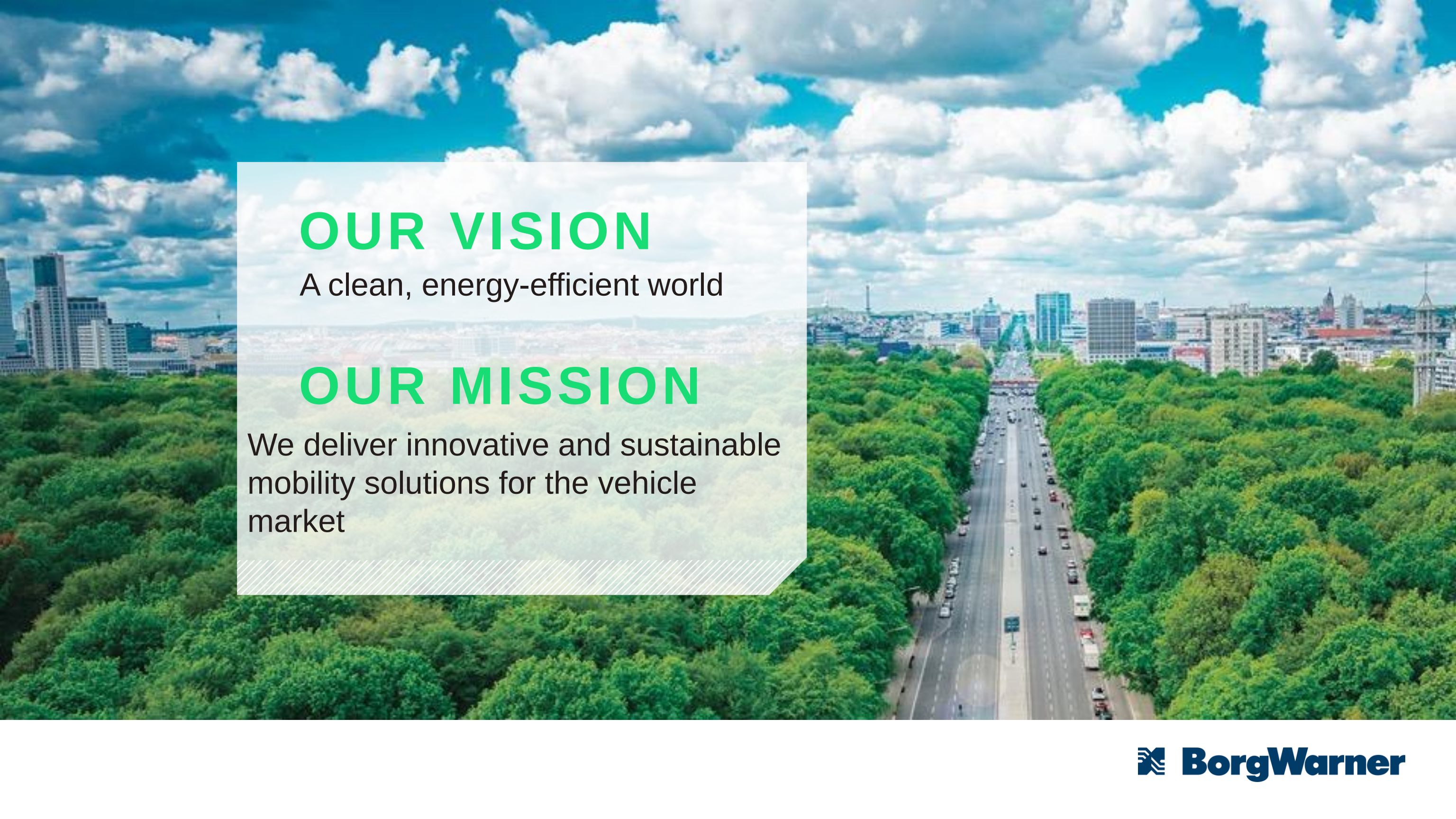


Cutting edge technology for a 80kW high efficient S-wind oil cooled electrical motor

Lines: 1 semi automatic assembly lines (Second one under construction)

SOP: 2020

Capacity: 165 000 units/year

An aerial photograph of a wide city street, likely in Oslo, Norway, showing a dense canopy of green trees lining both sides of the road. In the background, a city skyline with various buildings is visible under a bright blue sky with scattered white clouds. A semi-transparent white box with a diagonal hatched bottom-right corner is overlaid on the left side of the image, containing text.

OUR VISION

A clean, energy-efficient world

OUR MISSION

We deliver innovative and sustainable mobility solutions for the vehicle market

Sustainability Strategy



Create a cleaner, more energy-efficient world

Continue

Product Offerings for Improved Efficiency and Reduced Emissions in Combustion, Hybrid and Electric Propulsion Architecture

Advance

Accelerate Offerings for Hybrid and Electric Vehicles

Environmental Aspects of Operations



Live the BorgWarner Beliefs

Continue

Employee Health & Safety

Community Investment

Advance

Diversity, Equity & Inclusion

Engagement & Sentiment



Partner with and report to stakeholders

Continue

Stakeholder Assessments

Governance & Compliance

Advance

Goal Setting & Metrics

Active Communication

Sustainable Value Chain

Our Beliefs:

-  **Inclusion.** Respecting individuals
-  **Integrity.** Honoring truth
-  **Excellence.** Focusing on results
-  **Responsibility.** Our commitment
-  **Collaboration.** Building trust



Responsibility.
Our commitment

- We believe safety is a top priority.
- We care about our local communities and the global environment.
- We make a meaningful impact through our talents and resources.

Globala och regionala mål

Minska utsläppen

Koldioxidneutrala i scope 1 och 2 till 2035

- Interrimmål om 85% absolut GHG reduktion till 2030, jämfört med 2021

Avfallsminskning

85% utsortering till 2030

Energi

10% energiminskning regionalt i förhållande till försäljning

Drivetrain Systems



5

Develop Roadmap for our Scope-3 SBTi Target

Christian

Våra ramar



Tillståndsgiven verksamhet



ISO 14001



ISO 45001



IATF 16949



Kundspecifika krav



ISO 50001 (pågående)

Lokalt arbete och lokala mål

- Miljögrupp
 - Kemikaliegrupp
 - Avfallsminimering
 - Energieffektivisering
 - Lokal hållbarhetsstrategi
 - Ett ledningssystem
-
- Mål inom
 - Medvetenhet
 - Avfallsminimering
 - Energieffektivisering
 - Kemikalier



BorgWarner