

Autoliv

Who we are

Autoliv Inc. was started in 1997 as a merger of Europe's leading automotive safety company, Autoliv AB of Sweden, and Morton ASP (Automotive Safety Products), the leading airbag manufacturer in North America and Asia.

Autoliv AB pioneered seatbelt technology in 1956, while Morton ASP had been a leader in airbag development and was involved in the launch in 1980 of the first airbag system that became a commercial success. In 1992, Autoliv began manufacturing textile cushions for driver airbags using its new one-piece-weaving (OPW) technology. This patented technology turned out to be instrumental for the Inflatable Curtain, which was introduced in 1998.

Autoliv AB was acquired in 1974 by Gränges Weda AB, which had manufactured seatbelt retractors since the 1960's. In 1980, the Gränges Group (later re-named SAPA)

Our Vision

To substantially reduce traffic accidents, fatalities and injuries.

Our Mission

To create, manufacture and sell state-of-the-art automotive safety systems.

Our Values

Life - We have a passion for saving lives.

Customers - We are dedicated to creating satisfaction for our customers and value for the driving public.

Employees - We are committed to the development of people's skills, knowledge and potential.

ALV Fast Facts

Global Headcount – 37,900 where 3,600 of in RD&E

Productions Plants – 80

In number of countries – 29

Crash Tracks – 21

Technical Centers – 10 in 9 different countries.

Net Sales - U.S.\$ million

2009 \$5,120

2008 \$6,473

2007 \$6,769

2006 \$6,188

2005 \$6,205

December 2007, AQW (Autoliv Queretaro West) our third facility in central Mexico started operations using a legal entity name Autoliv Steering Wheels Mexico. Strategically located in Querétaro AQW was built to manufacture and sell state of the art Airbag modules for different positions, such as driver, passenger, side impact, side curtains and recently knee airbags, at the same one of the most significant supplier to one of our sister facility in Ogden UT

At a Glance

- Headcount – 965 persons with a 12% direct/indirect ratio.
- 83 Working Production Cells & 16 Laser cutter Machines
- Facility Area - 14,195 square meters/
- Avg. 0.4 accidents per 200 k work hours
- Scrap Ratio - 0.9% as a percentage of sales including LAT (Lot Acceptance Test)
- Shipping to 9 different OEM Customers and 35 different ship to Locations including Mexico, North America, Canada, Europe & Asia (throughout customer logistic hubs).
- 7.4 ideas implemented per employee
- Less than 10 Supplier PPM
- 12.18 PPM to External Customers (OEM)
- 97% Supplier On Time Parts Monthly Rating

was acquired by Electrolux. In 1984, the name of Gränges Weda was changed to Electrolux Autoliv.

Throughout the 1980's and the 1990's, Autoliv expanded through a number of acquisitions of seatbelt manufacturers, predominantly in Europe, but also in Australia and New Zealand (e.g., Klippan Italia S.p.A. in 1985 with operations in France, Germany, Italy and Spain; Britax Overseas Ltd in 1988 with operations in Australia, Germany and the UK as well as Autoflug Sicherheitstechnik GmbH in 1992 with operations in Germany).

We develop, market and manufacture airbags, seatbelts, safety electronics, steering wheels, anti-whiplash systems, seat components and integrated child seats as well as active safety systems such as night vision, vision and radar systems.

Environment

Business decisions should be implemented in an environmentally responsible and caring manner relative to the Company's employees and customers as well as the communities and countries where Autoliv operates.

Innovation - We are driven for innovation and continuous improvement.

Ethics - We adhere to the highest level of ethical and social behavior.

Culture - We are founded on global thinking and local actions.

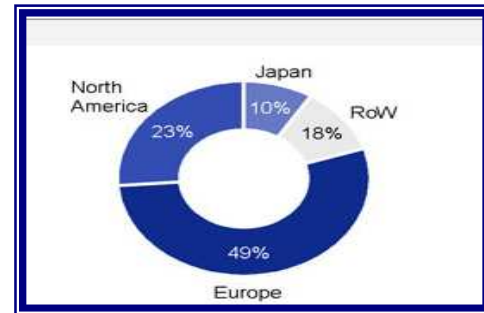


Figure 1 – Autoliv Major Markets

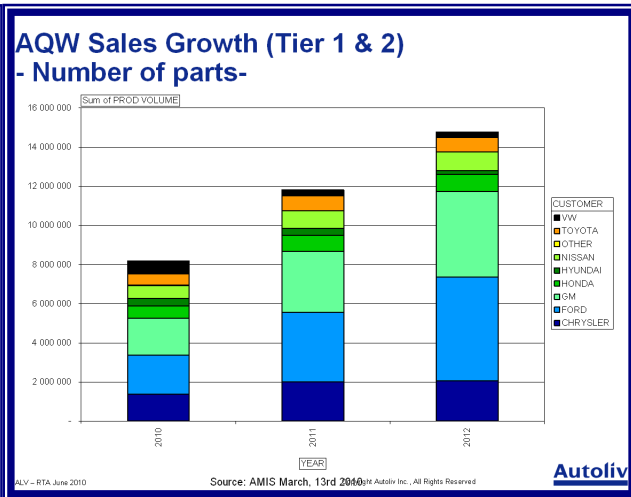
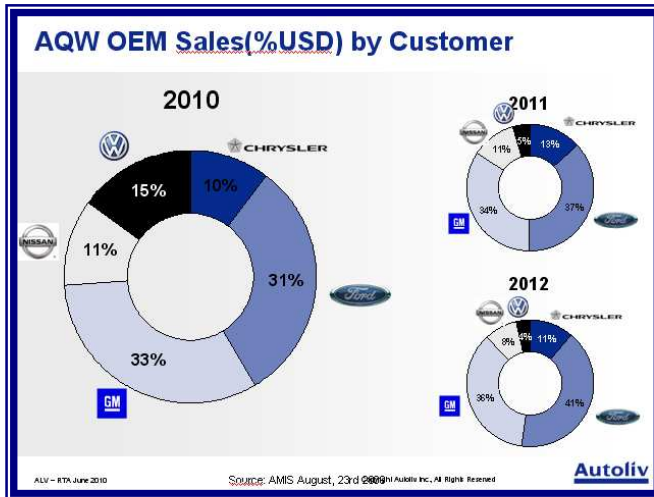
Autoliv AQW

USA, delivering cushions sub-assembled for side inflatable curtains only including sewing and folding up to the inflator. With 3,000 pcs a month we launched operations shipping RRAB (Roof Rail Curtain Airbags) to one of our first customers, when in January 2008 150 persons (direct and indirect) were part of this great project and building now 833,000 pcs. Per month.

- 100% On Time Delivery to Customers External/Internal for the last 2 years.
- 99% Inventory Accuracy and Improved Cycle Count Method.
- We boosted our Inventory Turnover rate from 12 turns to 23 May 2010. (40% as a percentage of sales)
- With Less than 5 minutes per unit on RRAB we are a benchmark to our own group.
- 98% PEF (Production Efficiency / Build To Heijunka Rail) Compliant.
- Operational Availability Laser Cutting for One Piece Woven - 88%
- Operational Availability Laser Cutting for Flat Fabric - 88%
- 1.8% Machine Down Time of total available.

- Zero Late CAR (Corrective Action Report) for any

Customer incident



Quality - A Key to our Profitability

Our products never get a second chance. We must always deliver flawless products and still meet the tough price conditions in the automotive industry.

- 2010 – Nissan Quality Award
- 2010 – A Rank Supplier for Volks Wagen
- 2010 – Q1 Supplier For Ford North America
- 2008 to 2010 – Recognition for Excellence in Seamless Launch (4 different Projects)
- 90% Customer Scorecard Rating
- ISO TS 16949 Certification
- ISO 140001 Certification
- 15 Kaizen Workshops per Month
- Jidoka & Yokoten Practices focusing on Practive Quality throughout FTQ process.
- VSM as a continuous improvement tool.

Our Products

Airbags are among the most important automotive safety products, since the concept of inflating a textile cushion could be used in both frontal impacts and side impact collisions to protect a great variety of body parts. In frontal impacts, for instance, driver airbags are estimated to

reduce fatalities by 25% for belted drivers and serious head injuries by over 60%. For front-seat passengers (that are further away from the instrument panel than a driver from a steering wheel) the protective effect is estimated to be 20%. In side impacts curtain airbags are estimated to reduce the risk for life-threatening head injuries when occupants are sitting on the side of the vehicle that is struck, while thorax airbags reduce serious injuries to the chest by approximately 25% in side-impact collisions. There is also an increasing demand for knee airbags and anti-sliding airbags, because frontal airbags and modern seatbelts have reduced the risk for head injuries but not the injuries to the legs. Consequently, there is a growing focus on using airbags to also prevent long-term disabling leg injuries. It is important that people not only survive crashes but also are able to walk, and lead a normal life.

Corporate Social Responsibility (CSR) comes naturally to Autoliv; it is what our business has always been about. In fact, saving lives and reducing traffic injuries is our business mission. Annually, our products save more than 20,000 lives in traffic and helps prevent ten times as many severe injuries.



Autoliv AQW

Every year, Autoliv's products save over 20,000 lives

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