Exel Composites is world’s leading composite profile manufacturer with over 50 years of growth and innovation history

- World’s leading composite profile manufacturer established in 1960
- Technology company which designs, manufactures and markets composite solutions for industrial applications
  - Annual sales MEUR 69 (2013)
  - Personnel: 423 (Q2 2014)
- Global footprint serving customers worldwide
  - Customers in more than 50 countries
  - Operations in 7 countries
- Core of the operations is based on proprietary, internally developed composite technology
- Personnel’s expertise and high level of technology play a major role in Exel Composites’ operations
- Listed in the Small Cap segment of the NASDAQ OMX Helsinki Ltd.
Exel Composites business is global with operations in 7 countries
Exel Composites is the world’s second largest pultrusion company

Global pultrusion market leaders in 2012

- 60.6%
- 7.8%
- 7.4%
- 5.5%
- 3.6%
- 3.2%
- 2.7%
- 2.7%
- 2.6%
- 2.3%
- 1.7%

Strongwell
Exel Composites
Werner Company
Glasforms
Tecton
Bedford Reinforcement
Creative Pultrusion
Teel Plastics
JAMCO
Top Glass
Others

Source: Growth opportunities in the pultrusion market 2013 – 2018, Lucintel
Composite products’ unique features and benefits can be utilized in various demanding applications

- Low weight
- High strength-to-weight ratio
- High fatigue tolerance
- Good corrosion and chemical resistance
- Tailored material properties
  - Fire retardation
  - Thermal insulation
  - Radio transparency
  - Electrical insulation / conduction
- Visual attractiveness and high-quality surface
- Long durability and service life

**Composites offer versatile alternatives to optimize shape and technical properties to requirements**
**Exel Composites offers products for wide range of applications. Exel Composites is the world’s leading composite profiles manufacturer**

<table>
<thead>
<tr>
<th>TUBES</th>
<th>TOOLHANDLES AND TElescopes</th>
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<tbody>
<tr>
<td>Exel is the world’s largest manufacturer of thin-walled pull-wound tubes and hollow profiles</td>
<td>Exel’s series of toolhandles and telescopic poles offer the right products and materials for demanding professional tools and for consumer toolhandles</td>
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<tr>
<th>CUSTOM PROFILES</th>
<th>WINDOW AND DOOR PROFILES</th>
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<tbody>
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<td>Exel is the leading manufacturer of demanding, customer-tailored profiles for industrial applications</td>
<td>Exel’s insulating and thermally stable composite profiles with excellent mechanical properties meet the rising performance demands for windows and doors</td>
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<th>LAMINATES</th>
<th>MACHINE INDUSTRYPRODUCTS</th>
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<tbody>
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<td>Exel produces a wide range of special fiber-reinforced laminates. Laminates are used in e.g. manufacturing, construction, sporting goods and transportation industries.</td>
<td>Exel offers state-of-the-art pultruded composite profiles for different segments of machine industry. Products are tailored for customers using different fibers and resins to adjust profile properties</td>
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<th>AIRPORT PRODUCTS</th>
<th>ELECTRICAL INDUSTRY PRODUCTS</th>
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<td>Exel supplies frangible structures to airports including approach lighting systems, weather measuring systems, anemometers, ILS-localizers and fencing</td>
<td>Exel supplies a wide range of composites solutions for electrical industry. Material properties – like insulation – and production methods are selected based on customer requirements</td>
</tr>
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</table>
Exel Composites’ core of the operations is based on proprietary, internally developed composite technology.

Principle drawing of Exel Composites pullwinding process

1. Reinforcements
2. Cross-winding units
3. Resin Injection Mould
4. Pulling Device
5. Cutting Device
Innovations are created through combining customer’s and Exel Composites’ core know-how
Exel Composites’ advanced solutions are utilized in several applications and market segments

Different raw materials combined with technology and composites know-how are creating a platform for multi-application business

Examples of typical applications within following main industry segments:

- Transportation Industry
- Building, Construction & Infrastructure
- Energy Industry
- Telecommunication
- Paper Industry
- Electrical Industry
- Cleaning & Maintenance
- Sports & Leisure
- Machine Industry
- General Industries
Exel Composites’ products can be found in various applications, for example transportation segment is a large user of composites

- Transportation segment is a large user of composites
  - High surface quality for increasingly light weight trams and busses
  - High specification stiffeners for automotive applications

- Exel Composites is uniquely positioned to take advantage of shift to composites within pultrusion industry
  - Technical capabilities
  - Existing customer base
More information is available on Exel Composites website

- Exel Composites website: www.exelcomposites.com
- For further information contact

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