



FocusQuantum®

THE REVOLUTIONARY SOLUTION
THAT KEEPS GETTING BETTER

In just 2 years, FocusQuantum Suite and FocusQuantum Pilot have benefited from continuous improvement made possible by listening to our customers and meeting their needs.

NOVEMBER 2016

FOCUSQUANTUM® SUITE
V1R2 & PILOT V1R2

PRODUCT QUALITY

- Block nesting for small components
- Perfectly cut OPW pieces made possible by automatic smoothing between deformable and non-deformable zones

ENHANCED SAFETY

- Enhanced safety through automatic notification of fire extinguisher activation

PLANT PRODUCTIVITY

- Uninterrupted operation leveraging the power and connectivity of Windows 10
- A new way to design OPW airbags in half the time by unifying multidatum, scaled, mainframe and hybrid methods with SmartCutting technology
- Advanced scheduling and automatic reminders for laser optics maintenance

OCTOBER 2017

FOCUSQUANTUM® SUITE
V2R1 & PILOT V2R1

SOFTWARE USABILITY

- Reduced risk of costly errors with integrated scale adjustment, zoom-in error detection, at-a-glance piece sorting and fabric list management
- Improved operator guidance through identification of root causes of cutting starting point inaccuracy for OPW

PRODUCT QUALITY

- Reduced scrap rate for flat fabric enabled by laser trajectory optimization for common lines cutting

PLANT PRODUCTIVITY

- 8 to 16% increase in productivity* for OPW thanks to Dynamic Laser Trajectory Management
- Streamlined RFQ process through cutting time simulation 3X more accurate than previously
- Continue cutting even if a laser source becomes temporarily unavailable

JANUARY 2016

LAUNCH OF
FOCUSQUANTUM®
INTEGRATED LASER
AIRBAG CUTTING
SOLUTION



FocusQuantum is a comprehensive airbag solution combining a high-performance laser cutter for flat and one-piece woven (OPW) airbag fabrics, as well as a purpose-built software suite and a full range of value-added professional services covering implementation, change management and support.

*Results of benchmark performed by Lectra on a set of representative OPW bags. Productivity increase may vary according to geometry and material type.