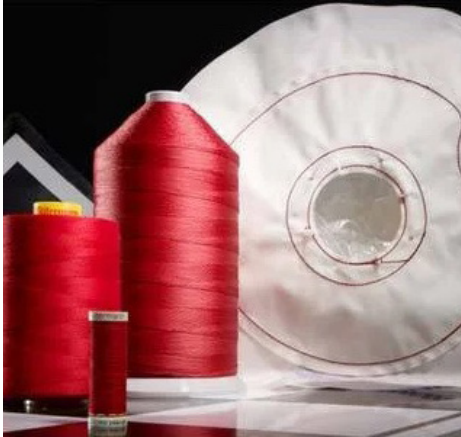


# FASTSEWN

## APPLICATION CATALOGUE

- WORLD'S FIRST AND ONLY **FULLY INTEGRATED SEWING AND CUTTING SYSTEM** DIRECTLY FROM ROLLS (1, 2, 3 OR MORE ROLLS) • RELIES ON VACUUM TECHNOLOGY AND NO RIGID FRAMES • MATERIAL SIZES UP TO 3.3M WIDE X UNLIMITED LENGTH • HIGHEST PRECISION

### AUTOMOTIVE AIRBAGS



40-50% automated\*



Produce automotive airbags in any shape or size directly from rolls and without templates. One-piece digital flow production. Improved nesting reduces waste. Sewing and cutting integrated in one system eliminating manual handling.

### AUTOMOTIVE INTERIORS

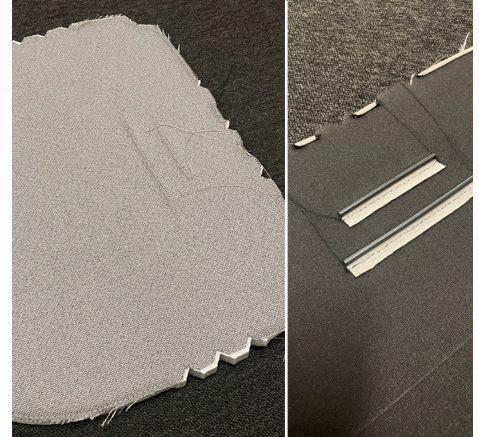


10-20% automated



Produce automotive interior parts directly from rolls and without templates. Edges can be trimmed with notches. One-piece digital flow production. Sewing and cutting integrated in one system eliminating manual handling.

### FURNITURE CUSHIONS



30-40% automated



Produce furniture cushions directly from rolls (incl. foam) and without templates. Automatic keder sewing and cutting. Edges can be trimmed with notches. One-piece digital flow production. Improved nesting reduces waste. No manual handling.

### BULLETPROOF VESTS



10-20% automated



Produce safety vests, security vests, construction vests and more, directly from rolls and without templates. Produce bullet proof vests with multiple layers of Kevlar materials and external fabrics. Sewing and cutting integrated in one system reducing manual handling.

### BAGS AND COVERS



40-50% automated



Produce machine covers, equipment covers, washing bags, tote bags, dust bags, and more. One-piece digital flow production directly from rolls without templates.. Improved nesting reduces material waste. Sewing and cutting integrated in one system eliminating manual handling.

### HOME DECOR



80-90% automated



Automated sewing and cutting of home decor items such as pillows, headboards, curtains, felt products, and more. One-piece digital flow production. Optimized nesting reduces material waste. Fit for just-in-time and on-demand production. Minimal manual handling.

**MIKKELSEN INNOVATION APS**

FASTSEWN FASTSEWN

**PATENTED / PATENTS PENDING**

**FASTSEWN.COM**



**Disclaimer:** The samples above are for illustration purposes only and may not in all detail reflect exactly how the FASTSEWN System may produce a specific part. Not all suggestions may be 100% completed on a FASTSEWN System. They should still significantly reduce costs through improvement of the product quality, reduced space requirements, reduced handling and the reduced need for labor, while allowing for more short run production if required.

# FASTSEWN

## APPLICATION CATALOGUE

- WORLD'S FIRST AND ONLY **FULLY INTEGRATED SEWING AND CUTTING SYSTEM** DIRECTLY FROM ROLLS (1, 2, 3 OR MORE ROLLS) • RELIES ON VACUUM TECHNOLOGY AND NO RIGID FRAMES • MATERIAL SIZES UP TO 3.3M WIDE X UNLIMITED LENGTH • HIGHEST PRECISION

### INDUSTRIAL FILTERS



90-100% automated



Produce air or liquid filters in any shape or size directly from fabric rolls without templates. One-piece digital flow production. Improved nesting reduces waste. No limitations to shape or complexity. High accuracy with minimal handling.

### INDUSTRIAL BAGS



40-50% automated



Produce lift bags for heavy equipment, cushioning airbags, airbags for airplane wing and airframe production, flexible fuel tanks (for aeroplanes) and more directly from rolls and with no frames. Improved nesting reduces waste. Minimal manual handling. Ultrasonic welding option.

### HVAC FABRIC DUCTS



70-80% automated



Produce turbular ventilation ducts directly from rolls and with no frames. One-piece digital flow production. Widths up to 3.3m and unlimited length.

Sewing and cutting integrated in one system with minimal manual handling.

### INDUSTRIAL PIPE INSULATION



30-40% automated



Produce industrial pipe insulation systems directly from rolls and with no frames. One-piece digital flow production. Improved nesting reduces waste. Widths up to 3.3m and unlimited length. Sewing and cutting integrated in one system with minimal manual handling.

### SEWER PIPE INSULATION



50-60% automated



Produce sewer pipe insulation systems with minimal handling. One-piece digital flow production. Widths up to 3.3m and unlimited length. Improved nesting reduces waste. Sewing and cutting integrated in one system with minimal manual handling.

### MEDICAL





90-100% automated



Produce medical bandages, x-ray protective clothing and more in any shape or size directly from fabric rolls without templates. Improved nesting reduces waste. High accuracy. Sewing and cutting integrated in one system with minimal manual handling.

\* compared to full process of sewing & manual handling

## MIKKELSEN INNOVATION APS

 FASTSEWN  FASTSEWN

PATENTED / PATENTS PENDING

FASTSEWN.COM



**Disclaimer:** The samples above are for illustration purposes only and may not in all detail reflect exactly how the FASTSEWN System may produce a specific part. Not all suggestions may be 100% completed on a FASTSEWN System. They should still significantly reduce costs through improvement of the product quality, reduced space requirements, reduced handling and the reduced need for labor, while allowing for more short run production if required.