



# CONTRACT CUTTING & SEWING

Harken Contract Cutting and Sewing specializes in high-quality industrial products. With production capacity ranging from one-off prototypes to consecutive large runs, we have the equipment and the people to take your product from concept to production.

### CAPABILITIES

We have extensive experience with technical fabrics and textiles. Our capabilities include CAD-based cutting, die cutting, electric hand cutting, sewing, grommet and fastener installation, product assembly, pattern digitizing, material sourcing, and shipping.

Beyond this, we are backed by the full resources of an international manufacturing company and can assist with issues such as engineering and design.

### SERVICE AND COMMUNICATION

Service and communication are key to our design and production processes. Through phone, email, and walk-in or on-site visits, we dedicate ourselves to making sure you are satisfied with the end product. We have 25 years of experience and make everything in Pewaukee, Wisconsin, so we can immediately respond to any challenges that arise.

### LEAD TIME

Lead times depend on volume, complexity, and material sourcing. Smaller projects can be turned around in as little as 2-4 weeks. We can usually accommodate rush projects, but request planned orders be placed as early as possible.

### EQUIPMENT

#### Lectra Vector TT FX Vacuum Cutting Table

The conveyor-fed Vector FX stack-cuts up to 2.5 cm and runs on optimizing software to minimize material waste. It uses reciprocating and drag knives and is dust-protected for dry carbon fibers.

#### Die Cutter

Stack-cuts most textile dies up to 36" x 17".

#### Heavy-Duty Industrial Sewing Machines

A range of machines handle most industrial stitch types, including locking (straight), double-straight, zigzag, and overlocking (surging/over-cast) with chain stitches.

#### Electric Hand Cutting Tools

Rotary and up/down hand cutting tools assist with smaller runs without digitized patterns.



# Materials & Components

With a background in technical fabrics and heavy textiles, our expertise and cutting capabilities extend to a vast range of materials. We have experience with everything from Kevlar and carbon fiber to heavy vinyl, leather, and foam. We can source materials or you can provide your own.

## MATERIALS

**Technical/Sailcloth:** Aramids (Kevlar®, Technora®, Twaron®), UHMWPE (Spectra®, Dyneema®), Liquid Crystal Polymers (Vectran™)

**Felt**

**Fleece**

**Outdoor Canvas:** Aqualon®, Sunbrella®, Outdura®, SofTouch, Harbor-Time™, Top-Gun, padded polyester, vinyl-coated polyester, cotton canvas

**Vinyl:** 40-gauge window PVC, waterproof vinyl-backed fabrics

**Polyester:** Waterproofed vinyl-backed, padded

**Foam:** cushions and padding

**Mesh**

**Leather**

**Neoprene**

**Nylon:** 4-ounce to ballistic (18+ oz)

## COMPONENTS

**Fasteners:** Buckles, snaps, hook and loop, twist-lock, cord lock, ties

**Grommets**

**Straps:** webbing, elastic

**Zippers**

## PROJECT SAMPLES



Canvas bag with silkscreen logo



Curtain



Barrel cover



Catch cloth/shoot



Medical bag



Custom fit cover for portable sign

## CURTAINS

Curtain Doors

Screens

Bug Blocking Doors

Barriers

Security & Privacy Screens

Partitions

## MISCELLANEOUS

Diving Boot Covers

Spa Covers

Webbing Straps

Snap Pouches

Barrel Covers

Shields

Signs

Awning

Travel Cover for Sign

Custom Cover

## FOOD

Rack Covers

Tarps

Catch Cloths

Canvas Bags

## MEDICAL

Cable Covers

Cushions

Straps

Belts

Bags

## TRUCKING

Manual Bags

Plastic Envelopes

Covers

## U.S. MILITARY

Wraps

Bags