

# Application Center

## *Individual system solutions*

*With its innovative special sewing machines, sewing automates and sewing units the Dürkopp Adler AG counts among the trendsetters in the field of sewing technology worldwide. The range of services offered also includes customer-specific applications and special solutions which are realized in a specially for this purpose established Application Center.*



*Step motor puller system  
for M-Type longarm machines*

## Step motor puller system for M-Type longarm machines



### Field of application

Automotive, home upholstery, technical textiles

### Branch/Customer

Leading European manufacturer of car interiors for the automotive industry

### Problem

When topstitching seat cushions in difficult-to-feed materials puckered seams occurred. The seams curled up and were not flat.

### Solution

The puller system developed for this sewing task has the special feature that the top puller and the bottom puller are separately controlled via step motors.

The working method of the puller system can be changed from “continuous” to “intermittent” via the control panel (touch screen) – even during the sewing process. Thus, it is possible to adapt the puller system to feeding possibilities not to be realized by a mechanical puller system.

Material parameters can be set and reproducibly called up via the control which guarantees a uniform and constant stitch length, even when processing different fabrics.

### Special advantages

- Displacement-free and flat seams in difficult-to-feed materials
- Consistently high quality of the sewing result
- Shorter cycle times

The consultants of the Dürkopp Adler Application Center will be pleased to inform you about the possibilities to realize your special application and to be at your disposal for individual advice.

Interested? We are looking forward to your enquiry. E-Mail: [apc@duerkopp-adler.com](mailto:apc@duerkopp-adler.com), Phone: ++49 521 925-1719