

Ultra-Super



Butt end sewing machine on rail
for heavy to heaviest fabrics and materials



DOHLE
Industrial Sewing Machines

for heavy to heaviest fabrics and materials such as:
*coated carpets, Axminster carpets, plastic materials,
transport rubber, artificial turf, fleece, glass fibre, tire
cord, filter materials, etc.*



Example:

- Sewing length 3,600 mm
- Frame length 4,850 mm
- Fixation of the fabric:
Right and left holders combined
with intermediate holders

Supporting table (Option)





Sewing unit

The robust sewing unit is suitable for dry and for wet fabrics. Cutting and sewing take place in one single step. The two fabric ends are joined by the sewing thread. After unfolding the two ends the connection is flat and broad (appr. 50mm).

Cutting device

The powerful cutting device is equipped with an HSS-cutter driven by a separate motor. The counter-knife is made of extreme durable carbide metal. The special shape of the cutting device allows the cut material to pass easily, even stiff materials can be cut.

The step by step motion

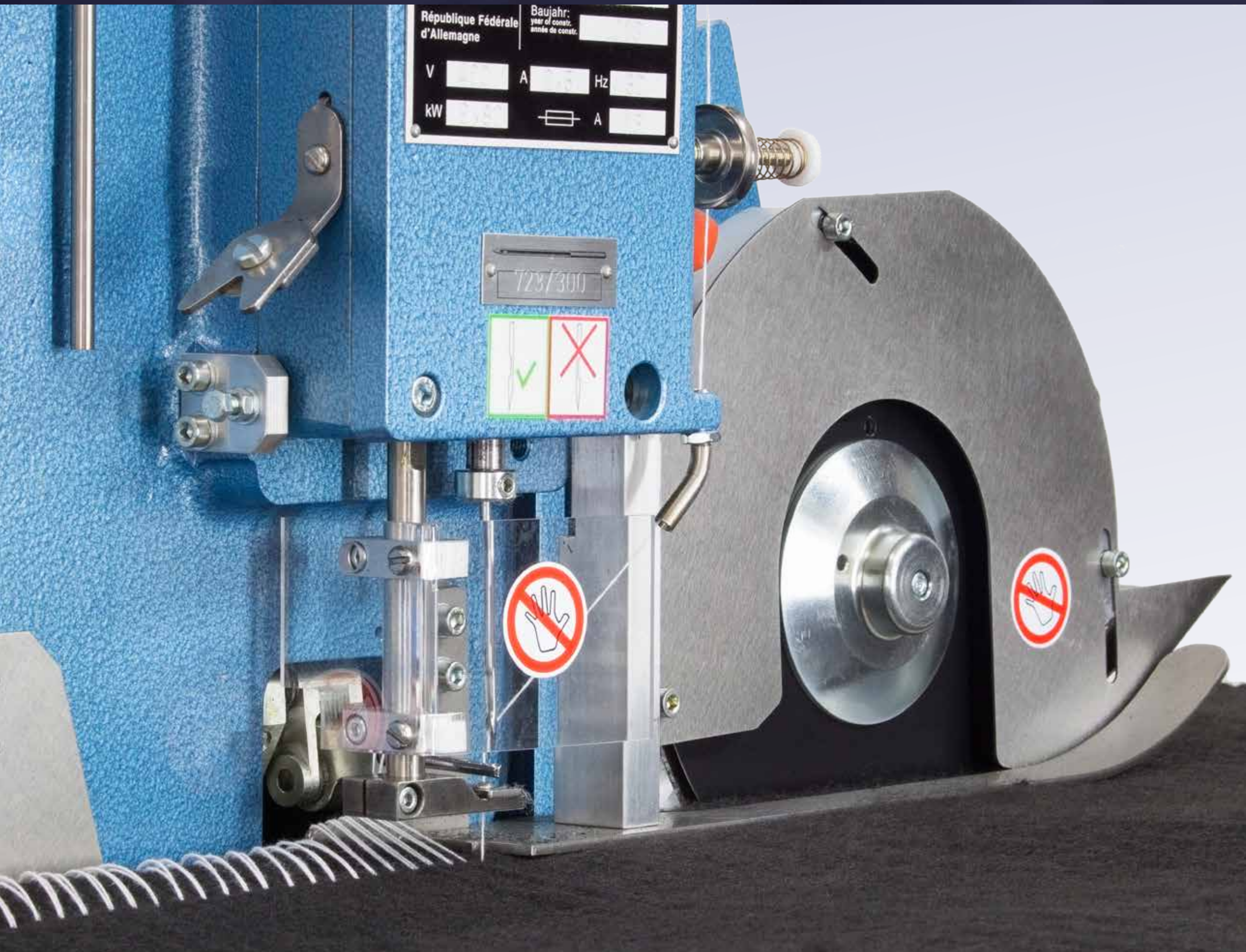
As long as the eyed needle is inside the fabric the forward motion of the machine nearly stops. This special feature significantly reduces needle deflection. As a result, stiff and hard fabrics and materials can be sewn.



Universal and robust

The broad seams of the Ultra-Super are strong and tear resistant. Thick or thin materials, soft or hard: the Ultra-Super copes with sewing tasks which are not possible for standard sewing machines.



**Seam type:**

Single-thread butt to butt seam

Seam width:

appr. 50mm
(Option 60mm)

Sewing length:

as desired,
e.g. 1,600 mm; 2,200 mm;
3,600 mm; 5,400 mm, etc.

Voltage:

400V, 50 HZ, three-phase;
other voltages possible

Cutting device:

HSS-knife diameter 200mm
Counter-knife carbid metal
Cutting device axially adjustable for:
- butt to butt (flat) or
- gap or
- overlap

Fixation of the fabric:

Right and left clamping holders,
combined with intermediate holders

Optionen:

Supporting table (stainless steel),
hinged bar for fixation of the material

*Technical changes reserved (Dec. 2013)
More options and special designs available, give
us a call or send us samples.*

Dohle machines. In use worldwide.



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