

L28 / L40



Butt end sewing machine
on rail





for light to medium heavy fabrics and materials
such as fleece, heavy home textiles, light to medium tufted carpets, glass fibre
(woven or fleece), aramide, plastic materials, etc.

Execution example Dohle L28:
• Sewing length 1,700 mm
• Frame length 2,800 mm
• Fixation of the fabric by
left and right clamping tensioner
(other sewing lengths available)

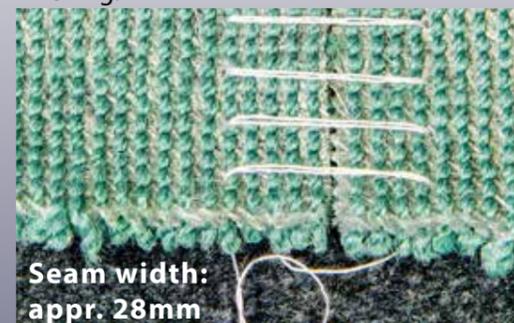


Sewing unit

The robust sewing unit is suitable for dry and for wet fabrics. Cutting and sewing take place in one single step.

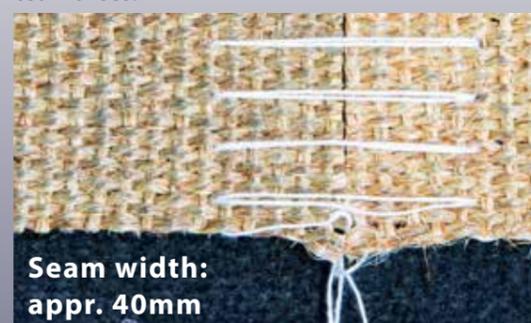
L28:

The seam width of appr. **28 mm** is a tear resistant standard seam for a wide range of applications. It increases the efficiency of many processes such as printing, coating or finishing.



L40:

The seam width of appr. **40 mm** strengthens the resistance of the seam significantly. This is particularly beneficial for the connection of loose fabrics or for applications with highest tear forces.



Fabric tensioner

The fabric can be clamped by means of the right and left fabric tensioner. The fabric tensioners are movable. If necessary, a slight tension can be applied to prepare the fabric for the following sewing process.



Cutting device

The powerful cutting device is equipped with an HSS-cutter running at double rpm. The counter-knife is made of extreme durable carbid metal. The cutting device can be axially adjusted to obtain one of the following connections:

- butt ot butt (flat)
- overlapping or
- with a gap



Control unit

Due to the simple control unit operating the machine is easy and self-explanatory.

The first step is to choose the desired direction (sewing or backward motion to the initial position*). Then the start button is pressed.

(* for 230V single-phase: forward motion by motor, backward motion manually using the clutch-lever.)

Dohle for joining fabrics...

- *quick*
- *secure*
- *reliable*

Perfection in the details:

Convincing solutions for easy operation and for high productivity:

- integrated knife grinding device
- quick change of thread
- frame easily to move (fig.)



Examples:



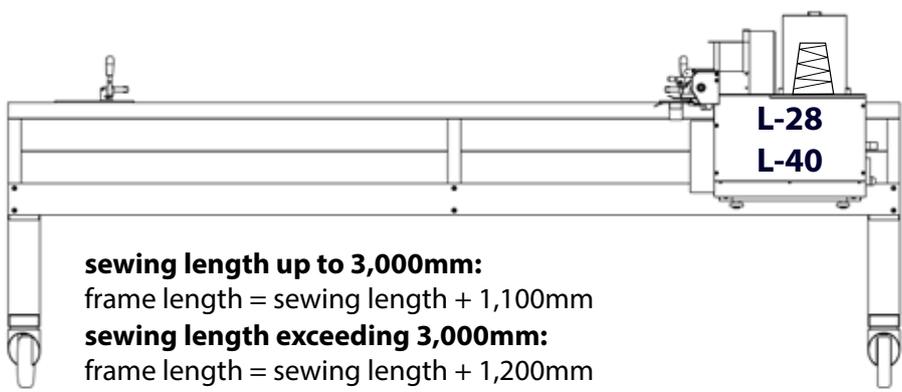
Technical changes reserved (Jan. 2016)

More options and special designs available, give us a call or send us samples.

The machines shown in this brochure may be equipped with options.

For extreme hard and stiff materials please have a look to our brochure "Ultra-Super".

L28 / L40

	L-28	L-40
Seam width	28 mm	40 mm
Sewing length	as desired	
Seam type	Single thread butt-end	
Cutting knife	Ø 100 mm	Ø 100 mm
Voltage	400 V / three phase (other voltages possible)	
Rated el. power	0,75 kW	0,75 kW
Available fabric fixation devices	pin bar, hinged bar, left and right clampers with intermediate holders, etc.	
Possible stitch lengths	4, 6, 8, 10 mm	6, 8, 10 mm
max. thickness (appr.) compressed to:	2 x 9 mm	2 x 12 mm
Needle systems	752 / 723	752 / 723
Looper system (not drawn to scale)	system 552 	system "Jumbo" 
Frame design	self-supporting composite construction (aluminum/stainless steel)	
Frame length	 <p>sewing length up to 3,000mm: frame length = sewing length + 1,100mm</p> <p>sewing length exceeding 3,000mm: frame length = sewing length + 1,200mm</p>	

Dohle GmbH & Co. KG
Zechenstr. 130
52249 Eschweiler, GERMANY

Tel.: +49 (0) 2403 233 71
Fax: +49 (0) 2403 24 897

www.dohle.de
info@dohle.de


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