

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)



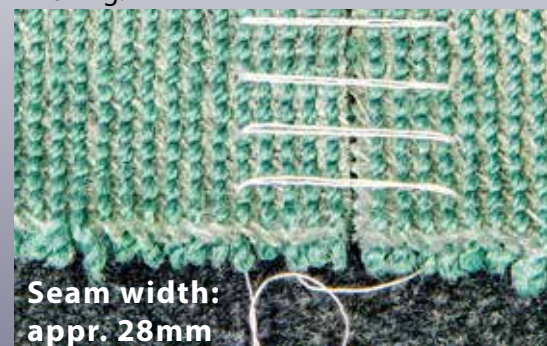


## Sewing unit

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.



Seam width:  
appr. 28mm

### 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.



Seam width:  
appr. 40mm



## 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.)



# Butt-end sewing machine

# L28 / L40

## Dohle for joining fabrics...

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



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".

## Perfection in the details:

Convincing solutions for easy operation and for high productivity:



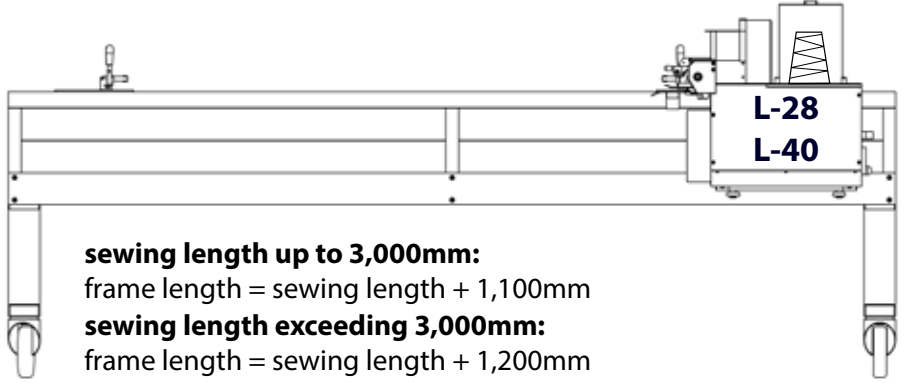
- integrated knife grinding device
- quick change of thread
- frame easily to move (fig.)



## Examples:



# L28 / L40

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

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**Industrial Sewing Machines**  
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