

Advanced  
in Sealing.



**DENSOMAT®-11**  
Now with electrical engine

# All our expertise with new flexibility

The successful DENSOMAT®-11 is now also available  
with an electrical engine – for maximum versatility.



[denso-group.com](http://denso-group.com)





Two drive concepts for flexible use and straightforward replacement, even on site



electrical motor



combustion engine



Approved quality in major projects with 24 h continuous load



Optimised for difficult terrain and a 10% incline



Repair or replacement service in shortest possible time



Fastest application with a maximum of 1.6 m/min. for DN 300 to DN 1000 (12" to 40")



Top winding quality under tension and overlapping



4 designs for nominal pipe widths from DN 200 to DN 1400 (8" to 56")





The new generation:

# DENSOMAT®-11

*The diverse experience from major international projects and the special requirements of our customers have been integrated into the further development of DENSO application devices. Depending on the specific challenge in the wrapping project, you can select between various, highly powerful devices.*

*The DENSOMAT® wrapping devices enable a very fast application of all tapes and tape systems from DENSO with an excellent level of quality while maintaining the wrapping tension and overlapping width of the tapes.*

## Internationally proven – with new flexibility

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The sophisticated and proven **DENSOMAT®-11** is now not only available with a combustion engine, but also as an electrically operated winding device.

It is extremely robust and powerful - ideal for rehabilitating major pipeline sections. In order to protect individual welded seam wrappings, the independently operated combustion engine is used.

Well-travelled, extremely resilient and continuously optimised for local conditions and the requirements of our customers – these are the attributes of the **DENSOMAT®-11**.

- All 14 construction lots on the OPAL pipeline in Germany in 2011 covering approx. 470 km
- At -40 °C (-40 °F) and 24 h continuous load in Kazakhstan
- In strict accordance with environmental constraints in France

## First class service and speed

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The **DENSOMAT®** devices prove their performance capability with an impressive speed of 1.6 m/min. for DN 300 to DN 1000 (12" to 40").

A constant winding tension and specified overlapping width is automatically realised in such a way that costly and time-consuming errors are avoided.

In a fast and easy manner, a two-tape system is applied in a single application step. The roll length is assembled in such a way that simultaneous replacement of both rolls is possible.

For the first time, DENSO offers a service, where any defective devices can usually be repaired in shortest possible time in our workshop or a replacement device can be made available.



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## The DENSOMAT® series



### DENSOMAT®-Mini

For small nominal pipe widths and confined space in the pipe trench.



### DENSOMAT®-1

Universal. Robust. Durable.



### DENSOMAT®-KGR Junior

For longer rolls and larger nominal pipe widths.

	Roll core (mm)	Maximum tape width (mm)	Maximum roll Ø (mm)	Nominal pipe widths		Minimum working height (cm)
				DN (mm)	Inches (")	
<b>DENSOMAT®-Mini</b> (Hand-held device)	41	100	100	≥ 40	≥ 1,5	20
<b>DENSOMAT®-1</b> (Hand-held device)	41	100	160	≥ 80	≥ 3	40
<b>DENSOMAT®-KGR Junior</b> (Hand-held device)	41/78	100/150	350	≥ 200	≥ 8	40
<b>DENSOMAT®-11</b> (Motor-driven)	78	100/150	350	200 - 1400	8 - 56	45



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