

Advanced
in Sealing.



DENSOMAT®-11
with electric or
combustion engine

All our experience for every challenge.

The successful DENSOMAT®-11 offers maximum variability.



denso-group.com



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



electrical motor



combustion engine



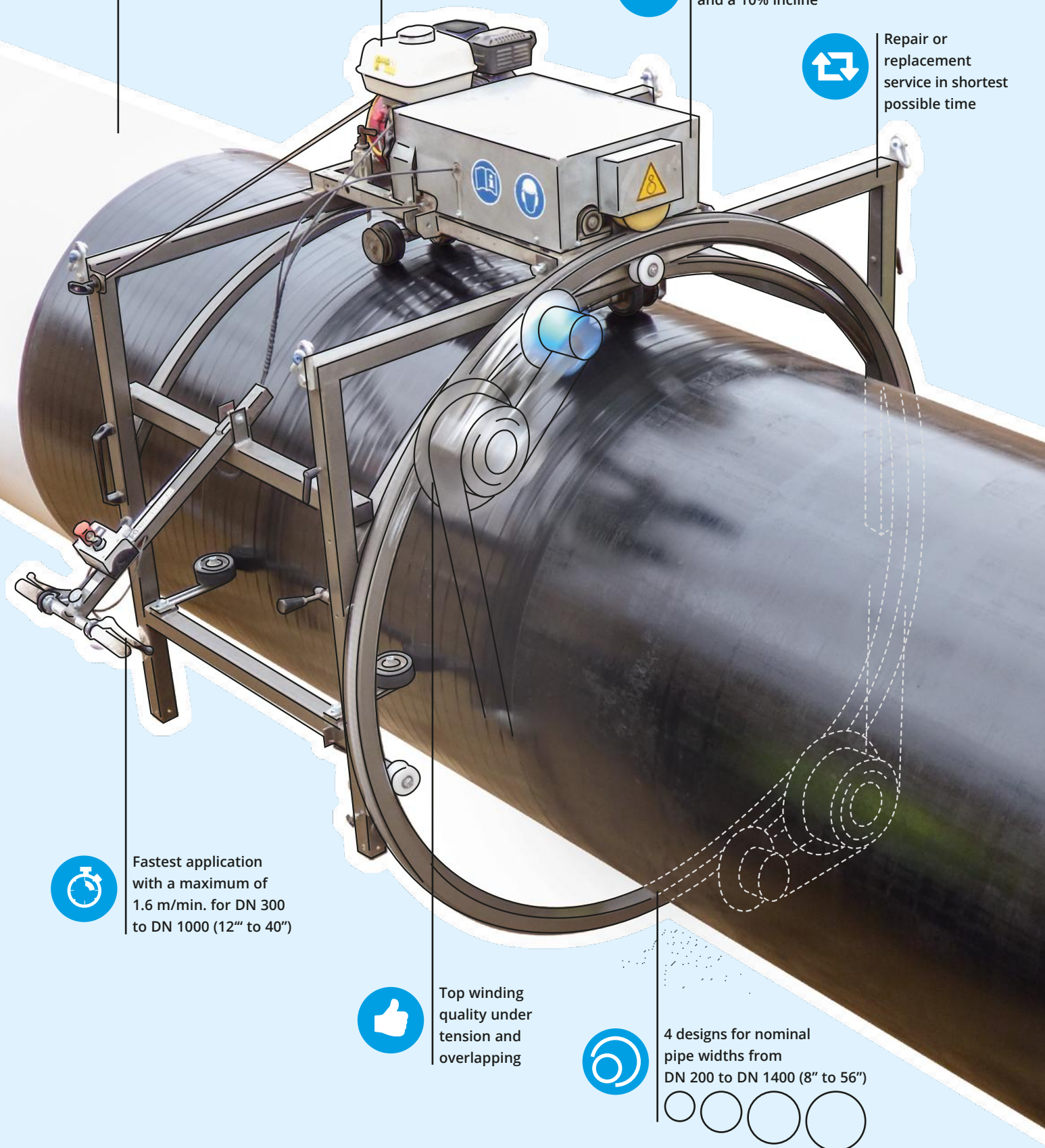
Approved quality in major projects with 24 h continuous load



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")





DENSOMAT®-11

The diverse experience from major international projects and the special requirements of our customers have been integrated into the 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.

Internationally proven – with maximum flexibility

The sophisticated and proven **DENSOMAT®-11** is 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**.

- > 36,000 welds on the EUGAL pipeline in Germany in 2019
- 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

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.

DENSO also offers a service whereby defective devices are repaired in our workshop within the shortest possible time or a replacement device is provided.

Advanced
in Sealing.



The DENSOMAT® series



DENSOMAT®-mini

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



DENSOMAT®-1

Universal. Robust. Durable.



DENSOMAT®-KGR Junior

For longer rolls & larger nominal pipe widths.



DENSOMAT®-100

For all-pipe wrapping, stationary & mobile use.

	Roll core (mm)	Maximum roll width (mm)	Maximum roll Ø (mm)	Nominal pipe widths		Minimum working height (cm)	Accessories
				DN (mm)	Inches (")		
DENSOMAT®-mini (hand-held device)	41	100	100	≥ 40	≥ 1,5	20	LaserGuide 1, drum rolls
DENSOMAT®-1 (hand-held device)	41	100	160	≥ 80 (pipe elbow ≥ 100)	≥ 3	40	LaserGuide 1, drum rolls
DENSOMAT®-KGR Junior (hand-held device)	41/78	150	300	≥ 200	≥ 8	40	LaserGuide 2, drum rolls, extension arm, cage (closed crown), set for roller widths > 100 mm
DENSOMAT®-11 (motor-driven)	78	150	300	≥ 200	≥ 8	45	Lifting device, additional weather protection for pipes ≥ DN 1000
DENSOMAT®-100 (motor-driven)	78	150	300	≥ 200	≥ 8	45	–



DENSO GmbH

Felderstraße 24 | 51371 Leverkusen | Germany

Phone: +49 214 2602-0 | info@denso-group.com

www.denso-group.com

Our product information, application recommendations and other printed publications provide advice to the best of our knowledge and indicate our level of knowledge at the time of printing. The content is not legally binding. Therefore, no liability is assumed for incorrect and missing advice. The applicator is obliged to check the suitability and possibility of application for the intended purpose. Unless otherwise specified, all of the brands named are trademarks of DENSO, at least registered in Germany, which are protected by

law. Only our general terms and conditions of sale, which you will find at www.denso-group.com, apply. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation, the German text of the respective German product information, which is available at www.denso-group.com, shall be decisive. The legal relationship shall be governed by German law.

06.2025