

Hand-operated and motor-assisted wrapping machines for application of SEALID®, DENSOLEN® and PALIMEX® tapes.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Description

For over 50 years, **DENSOMAT®** wrapping machines have offered a simple, safe and efficient way to apply **SEALID®**, **DENSOLEN®** and **PALIMEX®** tapes. A process of continuous improvement has produced an easy-to-use machine that is nonetheless rugged enough – especially for

handling difficult construction site conditions. **DENSOMAT®** wrapping machines **help personnel** by ensuring that the **right wrapping tension and selected overlapping** width are maintained at all times. **Processing speeds** are also **significantly accelerated**.

DENSOMAT® wrapping machines are suitable both **for wrapping straight pipe sections and pipe elbows**. Different types of **DENSOMAT®** wrapping machines are available to suit specific types of construction work.

DENSOMAT®-mini



DENSOMAT®-mini is the most compact machine in the **DENSOMAT®** family and is ideally suited for use with small pipe diameters and when working in restricted spaces. Its highly compact form factor means it can be used for pipe diameters from DN 40.

Special Advantages

- Ideal for small pipe diameters.
- Ideal when space is limited.

DENSOMAT®-1

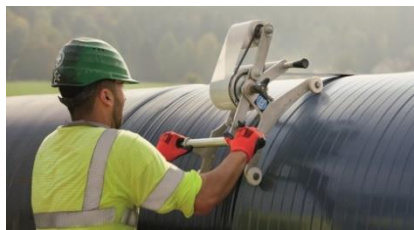


DENSOMAT®-1 is a universally deployable wrapping machine that is usable for most types of construction work. **DENSOMAT®-1** can be deployed for pipe diameters from DN 80 on straight pipe sections and from DN 100 for pipe elbows.

Special Advantages

- Universally deployable.
- Ruggedized to ensure a long service life.

DENSOMAT®-KGR Junior



DENSOMAT®-KGR Junior has been designed for applications of larger roll lengths. **DENSOMAT®-KGR Junior** is the perfect choice for tackling the challenges of larger pipe diameters. With the optionally available accessories, wrapping is possible for pipes with diameters of DN 2000 and over. A version for rolls with 41mm core is available as **DENSOMAT®-KGR Junior RT150**.

Special Advantages

- Rapid processing, even for large pipe diameters.
- Roll diameters up to 300 mm.
- Comprehensive range of accessories.

DENSOMAT®-11



DENSOMAT®-11 is a portable motorized and automated wrapping machine that is powered by an electric or fuel engine. **DENSOMAT®-11** is ideally suited for use in pipeline section rehabilitation and field-joint coating in new construction work. With its two roll holders, it offers the option of processing multilayer tape systems in a single work step.

Special Advantages

- Automated wrapping machine.
- Very fast processing.
- Multilayer tape system in one wrapping operation.
- Portable machine.

DENSOMAT®-100



With its modular design and environmentally friendly electric drive, the **DENSOMAT®-100** can be used both stationary in production halls and mobile on construction sites. The **DENSOMAT®-100** can be used to wrap quickly and precisely pipes up to 18 m in length to the highest quality standards. The self-propelled drive ensures high application speeds while achieving optimum wrapping quality with uniform overlap and wrap tension.

Special Advantages

- Automatic wrapping device for entire pipes.
- Very fast, precise and cost-efficient applications.
- Suitable for stationary and mobile use.
- High coating performance.
- Easy to use.
- Easy conversion to different pipe diameters.

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Typical product properties

	Roll core (mm)	Tape width (mm)	Roll diameter (mm)	Pipe diameters		Minimum working height (cm)	Accessories
				DN	(inch)		
DENSOMAT®-mini	41	max. 100	max. 100	≥ DN 40	≥ 1.5"	20	LaserGuide 1 for 67 % overlap, drum rolls
DENSOMAT®-1	41	max. 100	max. 160	≥ DN 80 (pipe elbow ≥ DN 100)	≥ 3"	40	LaserGuide 1 for 67 % overlap, drum rolls
DENSOMAT®-KGR Junior RT150	41	max. 150	max. 300	≥ DN 200	≥ 8"	40	LaserGuide 2 for 67 % overlap, drum rolls, extension arm, cage (closed crown), set for roller widths > 100 mm
DENSOMAT®-KGR Junior	78	max. 150	max. 300	≥ DN 200	≥ 8"	40	LaserGuide 2 for 67 % overlap, drum rolls, extension arm, cage (closed crown), set for roller widths > 100 mm
DENSOMAT®-11	78	max. 150	max. 300	≥ DN 200	≥ 8"	45	Lifting device, additional weather protection for pipes ≥ DN 1000
DENSOMAT®-100	78	max 150	max. 300	≥ DN 200	≥ 8"	45	-

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