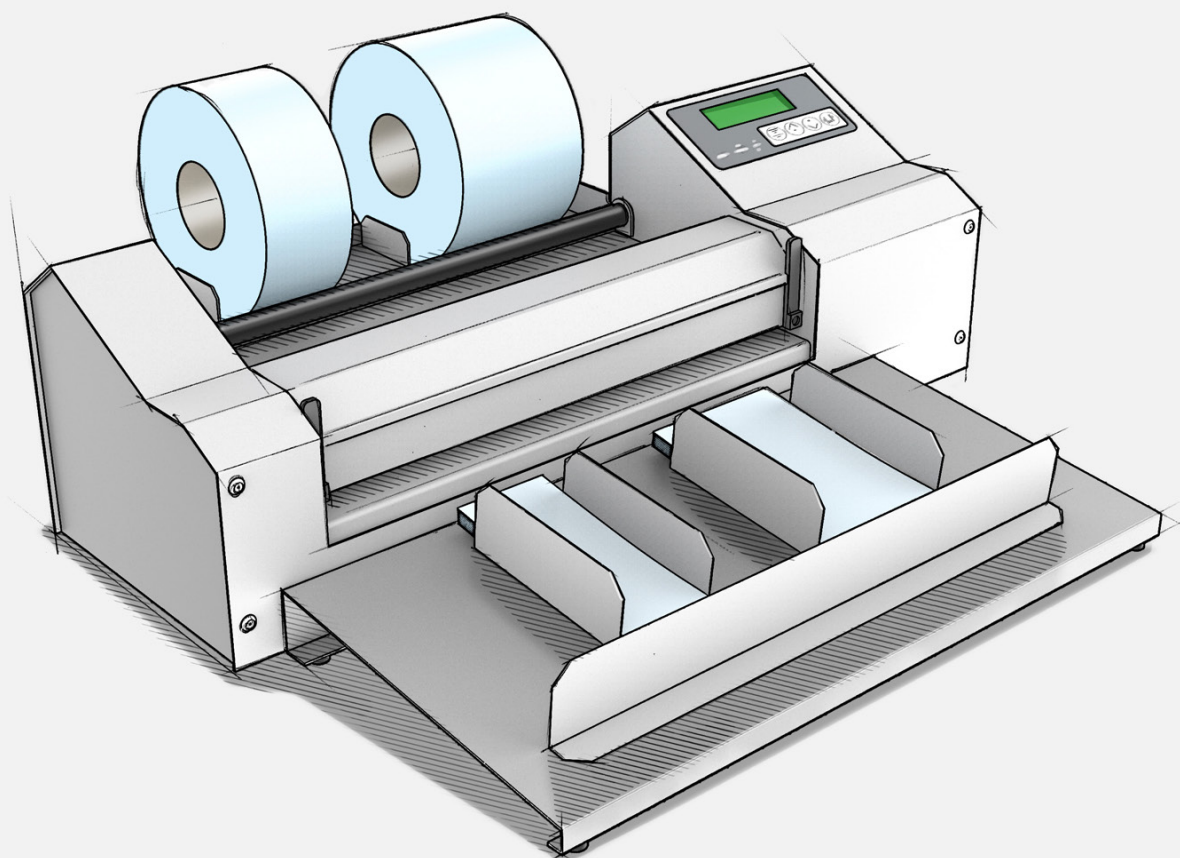


VAN DER STÄHL SCIENTIFIC

POUCHMAKING MACHINE

MD 8000 SPECIFICATIONS



van der stahl®
SCIENTIFIC

www.vanderstahl.com



MD 8000

ABOUT

The MD-8000 Pouchmaking system combines a film reel dispenser and a heat sealer to automatically produce medical device pouches from standard reels in your desired quantity and length. The material consumption is kept to a minimum since the pouch length can be determined on a customized basis. With an output of up to 5,000 bags per hour and with the MD-8000's compact dimensions, this machine is easy to integrate into your busy workflow. Operation and configuration are performed either via the integrated keypad or optionally using the innovative "hawo" intelligent scan system. The MD-8000 can be utilized with either flat or gusseted roll stock film. Take control of pouch inventory and save operational cost with the MD-8000.



PERFORMANCE FEATURES

Productivity	up to 14 cycles/min (>840 Cycles/hour) depending on the pre-adjusted sealing time 5,000 pouches/hour ¹
Adjustment quantity of pouches	1 - 500 pouches
Adjustment pouch lengths	100 - 1,000 mm / 4 - 40 in
Width of seal seam and cutting lengths, roll holder	420 mm 16.5 in

RANGE OF USE AND CERTIFICATION

Especially suitable for use in	medical practice, hospital and medical industry
CE signed	x
GS-certified (tested safety)	x
GreenTek	x

POWER SUPPLY DATA

Main connection	100 - 240 V, 50/60 Hz
Power	200 W

MECHANICAL DATA

Dimension w x d x h	740 x 355 x 240 mm 29.1 x 14 x 9.5 in
Stainless steel AISI 304 casing cover	x
Weight	29 kg (64 lbs)
Seal seam	12 mm / 0.5 in ²
Distance to medical device (ISO/TS 16775)	30 mm / 1.2 in
Reel holder	x

SEALING MATERIALS

Sealable pouches and reels in accordance with ISO 11607-1 (Paper/Plastic according to EN 868-5 and Paper/Tyvek® ³ , according to EN 868-9 ⁴	x
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ELECTRONIC FEATURES

Microprocessor controlled	x
LCD - Display	x

² also as ripped seam on request

³ Tyvek® is a reg. Trademark of E.I. du Pont Nemours

⁴ different sealable pouches and reels on request

OPERATION AND COMMUNICATION

Interface USB A/B, RS 232, Ethernet connection	x
IntelligentScan ⁵	x

PROCESS PARAMETERS

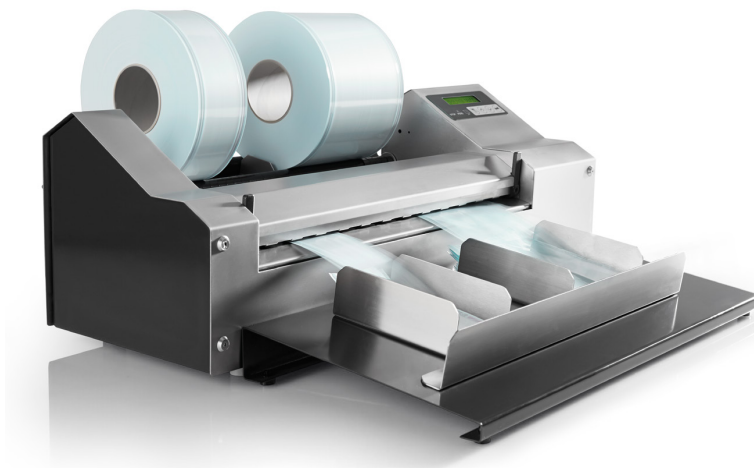
Sealing temperature	max. 200 °C / 390 °F (monitored)
Contact pressure	fix
Sealing time (dwell)	0.5 - 10.0 s
Overheating protection	x

CONTROL FUNCTION IN ACCORDANCE WITH ISO 11607-2 and ISO/TS 16775

Sealing process	automatic/reproducible
Switch-off tolerance +/- 5°C (ISO/TS 16775)	x
Alarm and machine stop in case the monitored parameters exceed predetermined limits	x

ACCESSORIES

USB-stick for process documentation	x
IntelligentScan barcode scanner	x
ValiPrint barcode printer	x
Sorting unit	x
Reel holder fixation set	x
Banding machine	x
Seal Check med indicator strips	x
InkTest dye penetration test	x



⁵ optional scanner needed