hawo

5 VERSIONS
CHOOSE YOUR DEVICE

CONFIGURATOR

PATIENT SAFETY 4.0
The **EcoPak** Series

MODULAR TECHNOLOGY

01 02 03 04 05

RENAISSANCE OF SIMPLICITY

When developing the new EcoPak Series, we completely followed our customers' demands for a pure, cost-effective band sealer. Define your needs and choose the one that suits you best out of five unique versions! With our modular technology you get what you really need: sealing technology straight to the point for a simple and safe packaging.

CONFIGURATOR

White or stainless steel?

Is the classic, less expensive steel housing with white surface adequate for your application? Or do you have very high standards regarding an even more convenient and hygienic cleaning? Simply choose between the standard white or the new stainless steel housing (S).

Focus sustainability?

Are sustainable products and processes a key priority for you? For us too! This is why we have consistently focused on resource-saving design and engineering of our products. hawo sealing devices use a fraction of the energy of comparable devices due to innovative sealing technology and features – without any compromise in quality. EcoPak 02 – 05 are marked with our GreenTek label as particularly sustainable devices.

Stand-by/Automatic start?

Sustainable or efficient sealing? Both, of course! All EcoPak versions are characterised by a sustainable (only 160 Watts) and efficient (10 m/min) sealing process. You would still like to optimise that? Opt for a version with automatic start and/or stand-by mode.

GERMAN DESIGN AWARD WINNER 2021

GREENTEK

Computer interface?

You need a complete documentation of your sealing process? The EcoPak versions with an integrated RS 232 computer interface allow you to transfer the data output of the sealing device to an external software/path via data cable.

Validatable process?

You require a validatable packaging process? No problem: EcoPak 03 or 05 regulate and monitor all process variables according to ISO 11607-2. If not, all other versions are the perfect economical choice for closing sealable pouches and reels in a professional, fast and secure way.

IntelligentScan?

You want to avoid manual entry of your relevant device configurations? Our IntelligentScan ready EcoPak versions can help. Optimise your new device with an optional hm 980 barcode scanner and use the included software to create individual scan lists which contain configurations such as temperature settings. Entering data has never been this convenient and secure.

Integrated printer?

Are you tired of using labels to mark your sterile barrier systems? Then directly opt for an EcoPak Version with an integrated printer. Data such as name/ID of wrapper, expiry/sterilisation date, LOT number, etc. can directly be printed on the porous part of the material (outside the sealing seam).

EcoPak	01 hd 650 D	02 hd 650 DE	03 hd 650 DE-V	04 hd 650 DC	05 hd 650 DC-V
White (powder-coated)	01	02	03	04	05
Stainless steel	01S	02S	03S	04S	05S
GreenTek		x	x	x	x
Automatic start		x	x	x	x
Stand-by			x	x	x
Validatable process			x		x
Computer interface (RS 232)			x	x	x
IntelligentScan				x	x
Integrated printer				x	x

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EcoPak 01 02 03   04 05

	hd 650 D / DE / DE-V	hd 650 DC / DC-V (with printer)
SEALING MATERIALS		
Sealable paper bags according to EN ISO 11607-1/EN 868-4	x	x
Sealable pouches and reels according to EN ISO 11607-1/ EN 868-5 made of film and paper according to EN 868-3	x	x
Sealable pouches and reels according to ISO EN 11607-1/ EN 868-5 made of film and uncoated materials made of polyolefins according to EN 868-9 (e. g. Tyvek®[1])		x
Sealable pouches and reels according to ISO 11607-1/ EN 868-5 made of PP fleece or PP nonwoven		x[2]
TECHNICAL DATA		
Conformance: EN ISO 11607-2, CEN ISO/TS 16775	EcoPak 03	EcoPak 05
CE marked	x	x
Microprocessor controlled	x	x
Display	LCD display	7-segment display
Sealing temperature	max. 220°C (monitored)	max. 220°C (monitored)
Sealing speed (dwell)	10 m/min fix	10 m/min (fix)
Contact pressure	EcoPak 01/02: fix EcoPak 03: fix (monitored)	EcoPak 04: fix EcoPak 05: fix (monitored)
Switch-off tolerance +/- 5°C (DIN 58953-7)	x	x
Seal distance from the edge	0 - 35 mm	0 - 35 mm
Seal seam width	12 mm	12 mm
Sealing system	EcoPak 01/02: ribbed EcoPak 03: flat (SealPeak)	flat (SealPeak)
Piece counter	EcoPak 03	
Automatic start	EcoPak 02/03	x
Stand-by	EcoPak 03	x
Printer		x
Computer interface (RS 232)	EcoPak 03	x
Mains connection	230 V, 50/60 Hz / 115 V, 50/60 Hz / 100 V, 60Hz	230 V, 50/60 Hz / 115 V, 50/60 Hz / 100 V, 60Hz
Power consumption	160 W[3]	160 W[3]
Dimensions W x D x H	565 x 255 x 155 mm	610 x 255 x 155 mm
Weight	EcoPak 01/02: 14 kg EcoPak 03: 14,5 kg	EcoPak 04: 16 kg EcoPak 05: 16,5 kg
Housing	EcoPak 01/02/03/04/05: White powder-coated EcoPak 01S/02S/03S/04S/05S: Stainless steel AISI 304 (01S-05S)	
ACCESSORIES		
Tray hd 650 T (630 x 280 x 60 mm / 24.8 x 11.0 x 2,4 inch)	x	x
Roll conveyor hm 500 RT (830 x 280 x 60 mm / 32.7 x 11.0 x 2.4 inch)	x	x
hawo IntelligentScan (hm 980 BR Barcode Scanner ValiScan)		x

[1] Tyvek® is a registered trademark of E.I. du Pont de Nemours.
[2] Approval and/or tests necessary.
[3] May vary during the heat-up phase.

Technical modifications reserved
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