ES 3 / 7 / 8000

Interactive Management in Price Labelling

ES 1000
ES 2000
ES 3000
ES 4000
ES 5000
ES 6000
ES 7000
ES 8000
ES 9000

More Efficiency in the Weigh Price Labelling Sector

Our intention is always to stay ahead of technical developments in the 'weigh-price labelling' sector, focusing on real customer's needs and requirements, this being the most important criteria. The worldwide success of our extensive and continuously expanded product range is evidence that the market appreciates the combination of an ingenious industrial design with unprecedented functionality.

For perfect management of all production processes in weigh / price labelling, we have developed the intelligent software ESMS – the heart of our weigh price labeller. This enables all

processes to be easily controlled via the touch screen – simply by entering a PID number (product identification) and a CID number (customer identification). Using multi-tasking, the machine continues running whilst the next production run is being prepared. Focusing on customer's demands, a more time saving, easier or efficient way of labelling cannot be found.

Our machines and solutions are conceived to optimise the working processes effectively and uninterrupted along the complete operating procedure. This is why our customers really profit from our products – **A future-proof investment.**

The Highlights

Properties
- output up to 150 packs per minute
- automatic adjustment of product guides, printer, label position and label rotation
- fast change of label reels by servo device
- easy replacement of thermal print heads without customer service
- conveyor belt replacement with cable-free plug-in
- conveyor with quick belt tensioning device
- labelling from below with drum printer: no belt adjustment, no belt recess
- multi-tasking for uninterrupted Price Labelling

Construction
- industrial design housing in stainless steel
- stable machine base with minimum number of legs
- conveyors for long packs up to 750 mm
- thermal printer options: 12 dots/mm (300 dpi), print width 104 mm
  8 dots/mm (200 dpi), print width 80 mm

High Performance Applicator System
- automatic height compensation up to 200 mm
- no adjustment needed for different labels
- rotation of the labels for market-dependent positioning on the pack
- no external air supply needed

Long service life and availability
- brush free drive motors
- automatic control of the printing speed
- lifting of print head between each label

ESMS terminal
- brilliant colour display with touch screen
- clear operator guidance with on-screen messages
- interactive control of the system
- convenient master data entry
- label software with true type fonts and logos
- packaging software
- pre-selection memory (no down time for article change)

Service
- remote maintenance via internet
- online software update

ES 3000

Manual Price Labelling

- ideal for low capacities and small packaging operations in the food and non-food sectors

- the right solution for packs which can not be labelled automatically

- increases efficiency in the organisation of the packaging process, e.g. for mixed cartons

ES 3150

PRECIO BASE €/kg
12,00

TARA kg
1,88

NETO

PESO kg
77,05

ES 3015

ESD 104
large reel of labels
with 210 mm diameter

ES 3060

The ES 3000 offers a rational and flexible operation and maximum Price Labelling convenience wherever a manual solution is required – in both the food and the non-food sectors. The highly compact, robust machine made in stainless steel takes up little space and fits easily into any production environment.

The large label reel with a diameter of 210 mm minimises time lost through reel changes. The ES 3000 is particularly user-friendly with clear operating elements, a touch screen layout in the latest TFT technology and avoidance of dirt traps, which were main objectives during the design stages.

Conclusion: an all-round, refined and state of the art system for Manual Price Labelling.

ES 7000

Fully Automatic Price Labelling, dynamic operation

- Price Labelling Robot to a high industrial standard

- labelling output: up to 120 packs per minute

- ideally suited for combining with packaging machines (Flowpack, Thermo Forming Machines, Top Seal, Stretch)
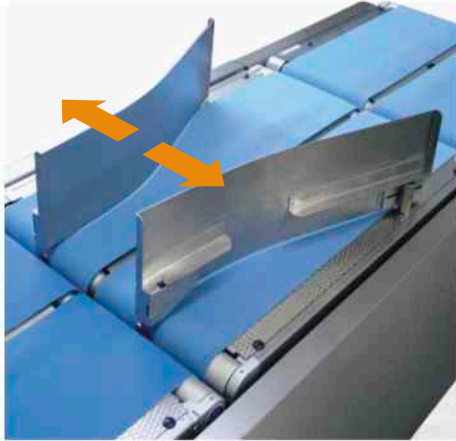
Easy serviceable opening of drum printer

Total Printer
ESD 104

ES 7011

Automatic adjustment of alignment station.

Labelling conveyor with lowering device for long packages, user-friendly with quick changeover.

Splashing water protected edition*

The electronic parts as well as all controls of the brushless DC motors are placed centrally and water protected within the machine, whereby no connections are in the wet area. The scale is equipped with a special cabling and sealing of the load cell. All attachment parts are protected against corrosion.

All conveyor connectors are water protected according to IP 67.

The ES 7000 provides fully automatic price labelling of the highest standard. Utilizing dynamic weighing technology, the system achieves a labelling output of up to 120 packs per minute with maximum precision.

Time efficiency is further enhanced by the minimisation of the time taken to replace the label reel, or to change products or packs.

The ES 7000 takes account of growing marketing demands for aesthetic label design, through a label design program and a thermal strip with high resolution.

The robust and compact stainless steel construction requires little space and cleaning is easy as it stands on only 5 legs.

Industrial terminal in stainless steel housing.

ES 8000

Fully Automatic Price Labelling, dynamic operation

- High-performance system for large capacities

- Labelling output: up to 150 packs per minute

- Interactive Price Labelling with ESMS control software

The cross adjustment settings of the printer are stored in the pack set-up program

Protective Cover ESZ 214

ES 8001

ES 8100
Checkweighing-Version

ES 8012

ES 8002

The high-speed ES 8000 is the premier model in the range of Price Labelling Systems from ESPERA. Technical know-how, a desire for innovation and the readiness to comply rigorously with customer's requirements has resulted in a truly impressive system. With this Price Labeller a more efficient use of production time is effortlessly achieved, not only because it labels up to 150 packs per minute, but also because there are no longer any "set-up" times, i.e. while one order is in progress, preparation can be made for the next ones.

The system is managed via the ESMS control software, which makes interactive Price Labelling possible for the first time. New with this range, ESPERA offers remote maintenance via a modem. Any questions can be dealt with quickly on-line.

Additions

Extending additions or:
How to increase perfection.

ESB 204
Barcode scanner
from above

ESB 214
Barcode scanner
from below

ESB 224
Barcode scanner
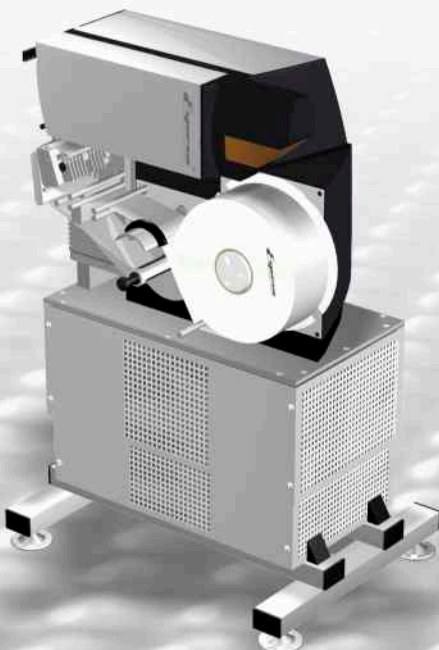on the side

ESZ 334
Covering cap
for ESD 504

ESZ 314
Covering cap
for drum printer
ESD 544

ESX 104
ESX 114
Jet sorter

ESX 134
2-way reject station

ESG 214
for lateral labelling
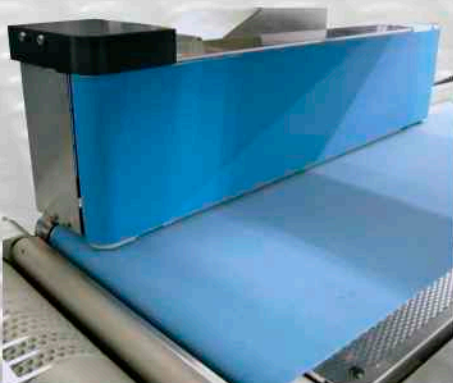with fully automatic
height adjustment

TTF
Thermal transfer

ESU 134
Stand for terminal ESC

ESZ 324
Swivel device
for printer
ESD 504

ESA 314
Driven pack alignment
for precision labelling

Even first-class machines can be optimised in functionality by according optional additional devices. Equipment to sort accelerates effectively the final stage of weigh price labelling and saves herewith time and costs. We have also very pragmatic things in mind: Among other things we offer a protection cover that shields from splash water. Flexibility and customer orientation are our first priority.

Therefore we develop with our customers project orientated custom-made products that fit accurately in the individual company situation.

Modell	ES 3012	ES 3015	ES 3060	ES 7000	ES 8000
Pack size in mm (L x W x H)					
Max. with alignment unit		–		370 x 280 x 200	370 x 280 x 200
Max. without alignment unit		–		370 x 360 x 200	370 x 360 x 200
Max. with long pack program		–		up to L 750*	–
Labelling output packs/min.		–		up to 120	up to 150
Multiple printer operation		Yes		Yes	Yes
Total printer		Yes		Yes	Yes
8 Dot/mm / 200 dpi		Yes		Yes	Yes
12 Dot/mm / 300 dpi		Yes		Yes	Yes
Label passage		110 mm		110 mm	110 mm
Maximum printing speed		100 mm/s		300 mm/s	300 mm/s
Print head service life optimised		–		Yes	Yes
Print width		80 / 104 mm		80 / 104 mm	80 / 104 mm
Label minimum W x L		22 / 37 x 15 mm		37 x 37 mm	37 x 37 mm
Printer from below	–	–		52 x 37 mm	52 x 37 mm
Label maximum W x L		110 x 480 mm		110 x 200 mm	110 x 200 mm
Printer from below		–		110 x 130 mm	110 x 130 mm
Label Rotation		–		110 x 110 mm	110 x 110 mm
Label reel core		76 mm		76 mm	76 mm
Label reel outside diameter		210 mm		285 mm	285 mm
Scales		static		dynamic	dynamic
Weighing range	6 / 12 kg	3 / 6 / 15 kg	15 / 30 / 60 kg	3 / 6 / 8 kg	3 / 6 kg
Scale increment	2 / 5 g	1 / 2 / 5 g	5 / 10 / 20 g	1 / 2 / 5 g	1 / 2 g
Scale	300 x 275 mm	330 x 235 mm	540 x 430 mm	–	–
Height compensation & cross settings		–		automatic	automatic
Number of legs (basic machine)		–		5	8
RS 232		Yes		Yes	Yes
RS 485		Optional		Optional	Optional
Ethernet		Yes		Yes	Yes
Maintenance / Internet		Yes		Yes	Yes
PS/2 connection		Yes		Yes	Yes
Parallel / USB		Yes		Yes	Yes
Memory intern/extern			Hard disc		
Mains voltage			190V to 240V / 50 - 60 Hz		
Operating temperature			- 10 °C to + 40 °C		

*depends on packages and machine configurations

ES 3015   ES 3060

840

1500

580   940   1000   850

ES 7000
(example)

1740 - 1920   840-1020   710-900   2060

ES 8000
(example)

1740 - 1920   840-1020   710-900   2720
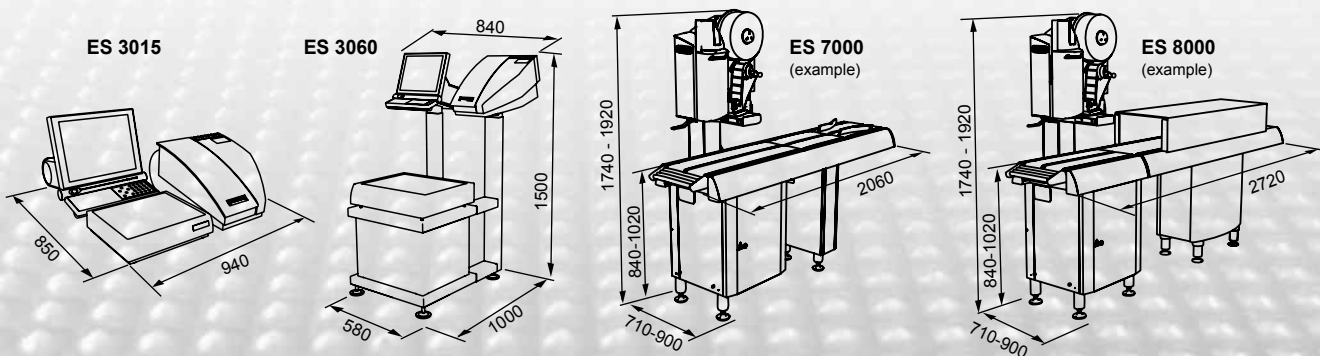
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