

# BALEX® BALERS



## ROBUST AND COMPACT VERTICAL BALERS



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# HEAVY-DUTY AND EFFICIENT WASTE BALERS FOR A WIDE RANGE OF USES

- Excellent baling power
- Leading the digital way in recycling thanks to **5G IOT** integration

## BALEX-40

High-capacity waste baler with a large infeed opening for large amounts of waste.



## BALEX-50

Waste baler for extremely high volumes. Bales can be delivered directly for use by the cardboard industry.



## BALEX-30

Our most popular baler model with optimal dimensions for a wide range of uses.



**Europress Balex waste balers are suitable for even the smallest spaces** and are used to compress cardboard, plastic, film plastic and PET bottles into compact waste bales that are easy to remove and transport.

**The tightest bales on the market.**



Balex waste balers are available with **10–50 tons** of compaction force and in many different sizes.

**Bale weight:  
80–500 kg**

**The cross-cylinder design** creates a small footprint and low overall height.

**Excellent compaction force.  
Extremely low operating noise.**

### **BALEX-25**

Large infeed opening makes it easy to collect waste even in tight spaces.



### **BALEX-20**

Easy to use with a large infeed opening.



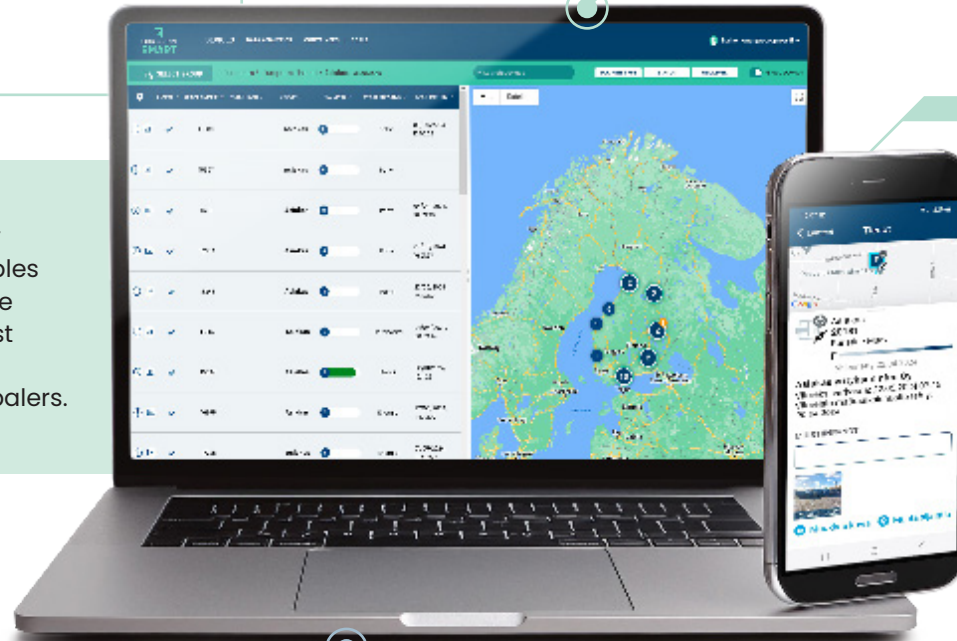
**The Europress SMART digital control system** extends the service life of the device and improves its operating features, while also offering tools for effective monitoring.



**SMART 5G**

- Automatic pick-up request
- Remote maintenance
- Filling prediction
- Additional emptying request

**SMART technology guarantees the energy efficiency of Balex® waste balers** and enables safe and cost-effective use: features can be adjusted individually for each device to best meet different needs. Balex® waste balers **use less electricity** than traditional waste balers.



The device has a built-in GPS module, which shows the location of the device even during transportation

SMART maximises the service life of Balex® waste balers.

# Digital SMART reduces waste management costs.

The SMART control system extends the service life of waste management devices and improves performance. With the help of the data produced by SMART technology, it is possible to achieve considerable savings in waste management costs.

**Europress SMART** remote services provide real-time data monitoring, from the broad overall level down to individual devices:

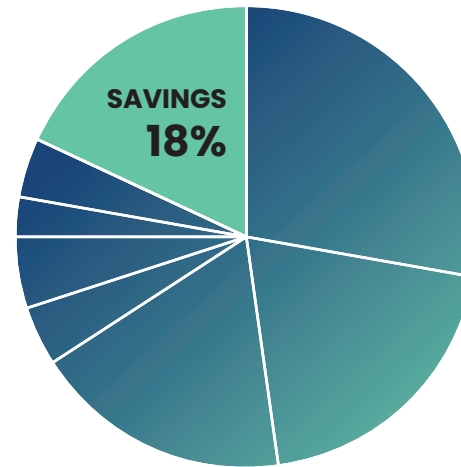
- Real-time fill level data
- Fill levels at emptying
- Operating hours
- Fault notifications, remote adjustments
- Monitoring data for waste compactors and balers
- Automatic emptying need notifications sent to waste management operator and/or customer
- Remote troubleshooting and repairs

The Europress SMART Fleet Management system is available in three distinctive subscription tiers: **SMART Intro**, **SMART Insights** and **SMART Integrated**.

**Europress SMART Retrofit** – The latest SMART functions can be retrofitted to any waste compactor or baler, regardless of the device manufacturer or type.

**Europress SMART Skip Tracking** – SMART can also be used to track skips.

## TOTAL WASTE MANAGEMENT COSTS



COST ITEM	BEFORE	AFTER
Equipment investment	15%	18%
Handling costs	30%	28%
Maintenance	8%	4%
Labor costs	8%	5%
Project planning	4%	3%
Transportation costs	35%	20%
SMART costs	0%	4%
<b>Total</b>	<b>100%</b>	<b>82%</b>



**SMART-SUPPORT:**  
support.smart@europress.fi  
**24h service on call:**  
020 737 3131

# TECHNICAL SPECIFICATIONS



Model	Balex-20	Balex-25	Balex-30	Balex-40	Balex-50
Compaction force (t)	20	25	30	40	50
Dimensions H x W x D (mm)	1950 x 1870 x 1110	1950 x 1870 x 1110	2000 x 1840 x 1260	2000 x 1840 x 1260	2500 x 2060 x 1680
Weight (kg)	1470	1485	2000	2050	2575
Infeed opening H x W x D (mm)	530 x 1120 x 800	530 x 1 120 x 800	520 x 1120 x 950	520 x 1 120 x 950	600 x 1100 x 950
Infeed height (mm)	940	940	940	940	1250
Bale dimensions H x W x D (mm)	800 x 1200 x 840	800 x 1200 x 840	950 x 1200 x 840	950 x 1200 x 840	950 x 1200 x 1200
Bale weight (cardboard, kg)	200–250	200–300	280–320	350–400	500 kg asti
Press cycle time (s)	23	32	34	61	28
Noise level (dBa)	59	59	59	59	62
Motor (kW)	4,0 kW	4,0 kW	4,0 kW	4,0 kW	5,5 kW
Power supply (50 Hz)	400 V, 50 Hz, 3x C16 A	400 V, 50 Hz, 3x C16 A	400 V, 50 Hz, 3x C16 A	400 V, 50 Hz, 3x C16 A	400 V, 50 Hz, 3x C16 A

\* Bale weight depends on quality of material.

Default strap:	Balex-20	Balex-25	Balex-30	Balex-40	Balex-50
9 mm strap flat	✓				
13 mm strap flat	✓	✓	✓	✓	
19 mm strap flat					✓
Steel strap			✓	✓	✓
Bale strap hook	✓	✓	✓	✓	✓
Automatic discharge of bales	✓	✓	✓	✓	✓
Rolls	4	4	4	4	4

## ACCESSORIES



### PALLET GUIDE

- Facilitates storing and transporting
- Lines up bales with pallets
- Attaches to lower edge of front wall
- Emptying pallet lines up against pallet guide



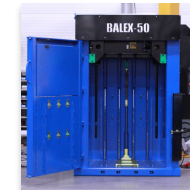
### FILL CONTROL

- Europress SMART system prevents damage to device
- Prevents device from being used once bale is ready, indicator light activated when strapping bale



### ADDITIONAL FOLDING MATERIAL RETAINING CLAWS

- Retaining claws prevent folded waste material from "expanding"
- Ensures dense bales



- Folding, hinged retaining claws standard on Balex-50



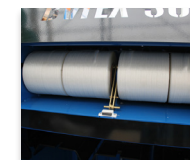
### INTEGRATED STRAP CUTTING BLADE

- Cutting blade inside the baler
- Cuts bale straps after wrapping around the bale



### PLASTIC COLLECTION STANDS AND BAGS

- Plastic collection stand: 280 L and 400 L
- 280 L dimensions: 1135 mm x 440 mm x 441 mm (H x W x D)



### BALE STRAPS AT FRONT OF DEVICE

- Easy to use



 **EUROPRESS®**

  
**EUROPRESS  
SMART®**

