

Product Sales Guide

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**LSREP range
Industrial Drying Ironers with feeding and folding**

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1. Range

∅ **500 mm**

LSREP 5020: length 2000 mm; capacity 50 kg/h

LSREP 5025: length 2500 mm; capacity 70 kg/h

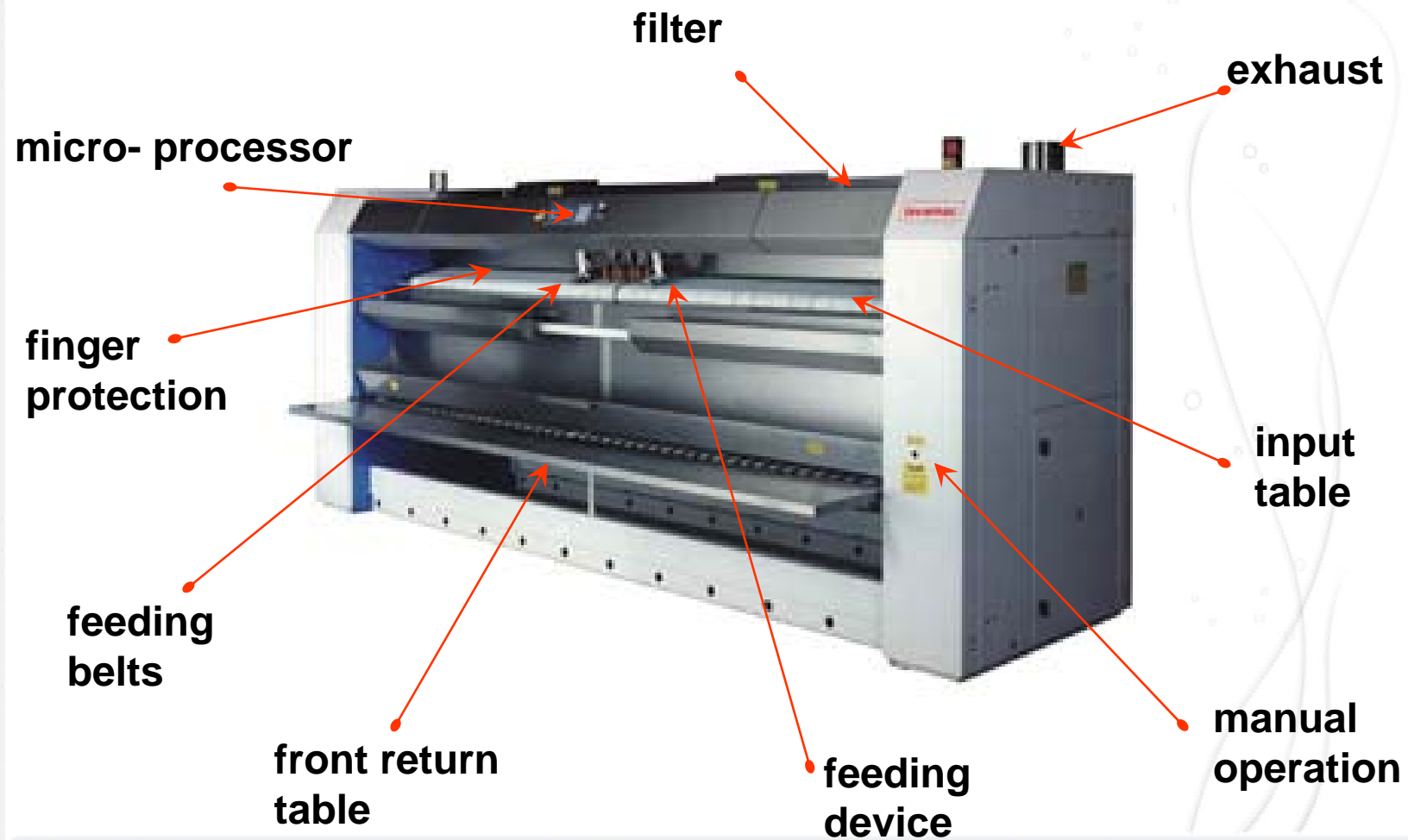
LSREP 5032: length 3200 mm; capacity 90 kg/h



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2. Features



2. Features

- **Modem connection - is standard on IFF ironers. This guarantees an optimal support from our technical department.**
- **Antistatic bar - is a standard feature. This ensures optimal ironing of man made fabrics.**

2. Features

Chromed cylinder

- Tests have shown that chromed steel cylinder conducts heat between 15 - 20 % better than stainless steel one.
- *higher capacity*



3. Feeding mechanism

The pneumatic operated feeding system with a limited number of guide wheels guarantees a perfect guiding of the linen



Stainless steel front: comes in contact with wet linen

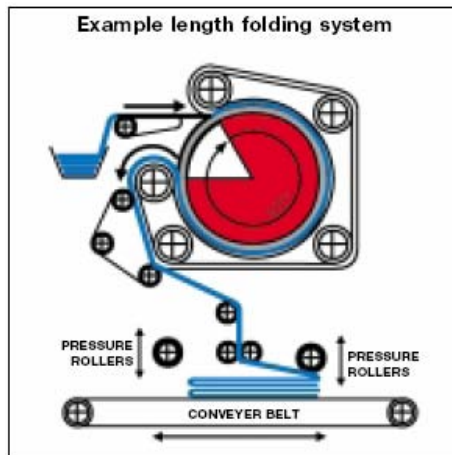
Holders: Go to the sides. A sensor controls when they reach the end. Then the rolls will press the linen on the feeding table.

4. Components of feeding mechanism

- **Holders:** they fetch the linen at the far ends and distribute over the length of the roll
- **Brushes:** ensure that the linen is smoothly stretched and cleaned into the feeding table
- **Wheels:** 6 wheels that rolls the linen into the ironer
- **Optical sensor:** ensures optimal successive insertion of the linen

5. Folding mechanism

Equipped with optical sensor which allows folding of linen in various ways:



- either with a constant width
- or in equal sections
- when not preprogrammed: no folding of the linen that comes out unfolded at the rear
- 2 sensors at the height of the roll:
 - checks output of the roll and input in the folder
 - checks if linen is stuck
 - checks for dust on the roll
 - alarm is buzzer

6. Compressed air

Some components of the IFF ironer use compressed air:

- **feeding components:** **holders and wheels**
- **folding components:** **balancer**
- **optical sensors:** **for cleaning**
- **crossfolder:**
- **stacker:**

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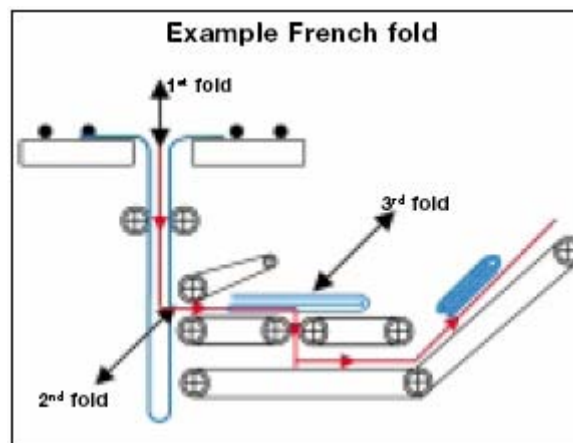
7. Options

- **Crossfolder & Stacker (CS)**



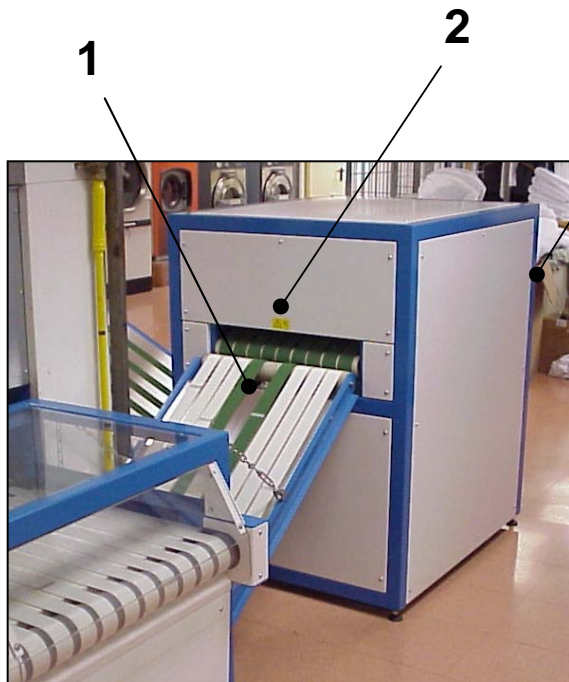
8. Crossfolder mechanism

- Choice between 1, 2 or 3 folds
- Choice between quarter fold ($1/2 \Rightarrow 1/4 \Rightarrow 1/8$) and french fold ($1/2 \Rightarrow 1/6$)
- 4 optical sensors ensure the constant width of the folded linen



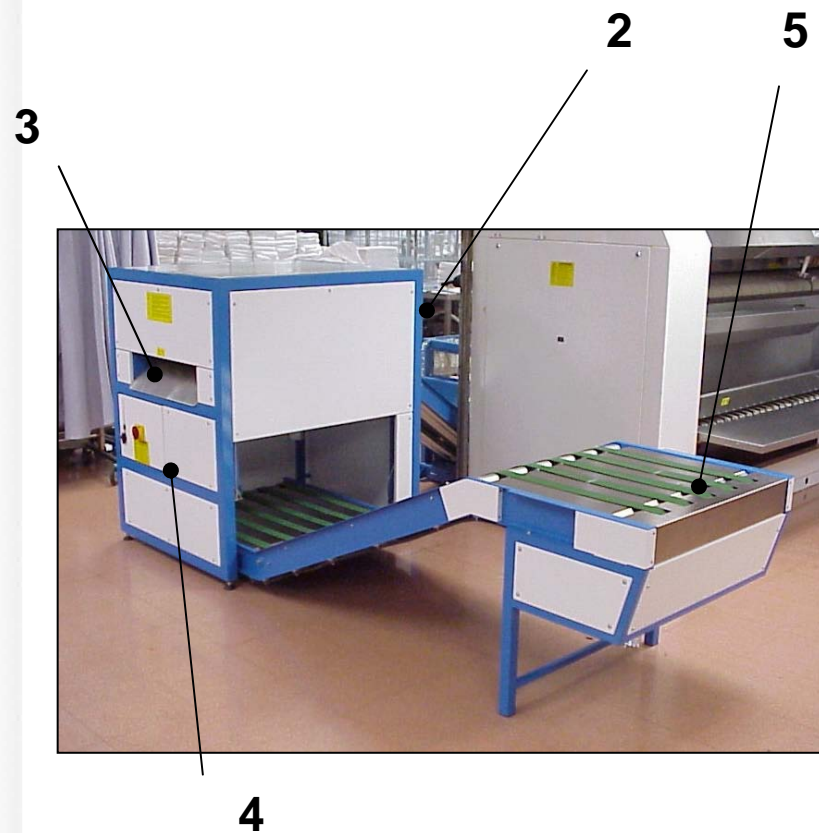
9. Stacker mechanism

- A number of sensors guide the linen through the stacker:



- ✓ sensor 1:
signals that linen is conveyed into stacker
- ✓ sensor 2&3:
checks if the folded linen is not too long

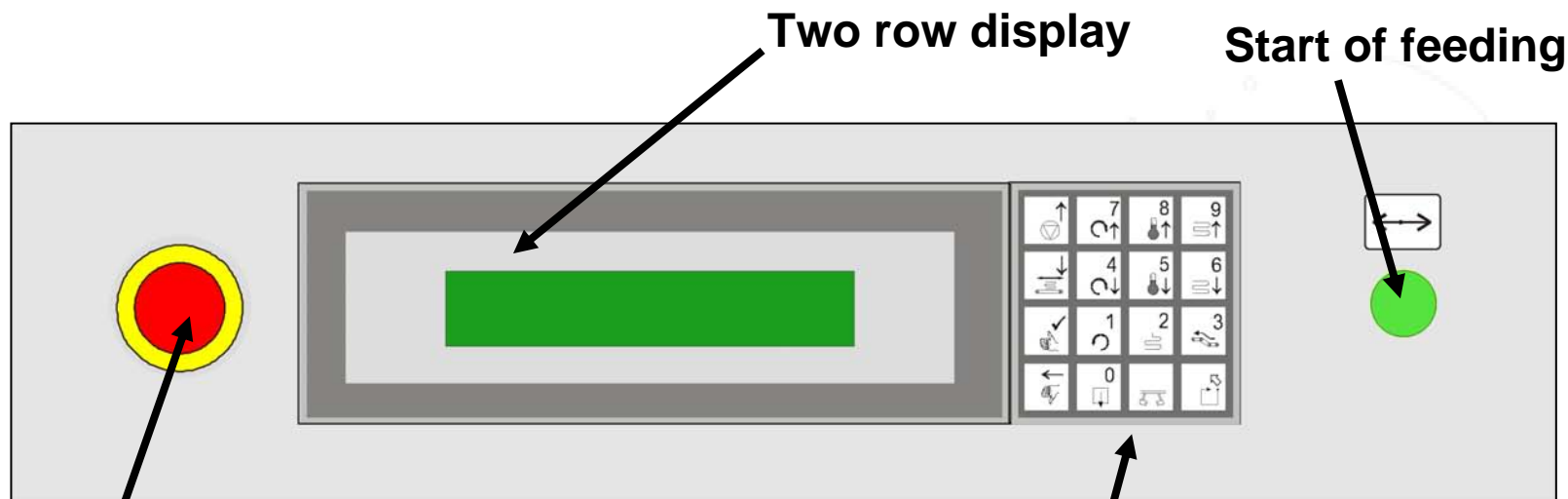
9. Stacker mechanism



- **sensor 4:** indicates when a parcel / pack of linen must be conveyed on to the transporter

- **sensor 5:** activates the buzzer when the pack of stacked linen is on the transporter and ready to be picked up









10. Microprocessor



**Switch
On/Off**

Two row display

Start of feeding

	Increase number of program / controlled stop (cooling down)		8 Digit 8 / increase temperature in operation
	Decrease number of program / selection of balancing direction		5 Digit 5 / decrease temperature in operation
	Yes – confirmation of selection or implemented value, deleting the error message		2 Digit 2 / reset folding
	No – rejection of selection, deleting the last digit when setting the values		Selection of feeding regime (Man/Auto)

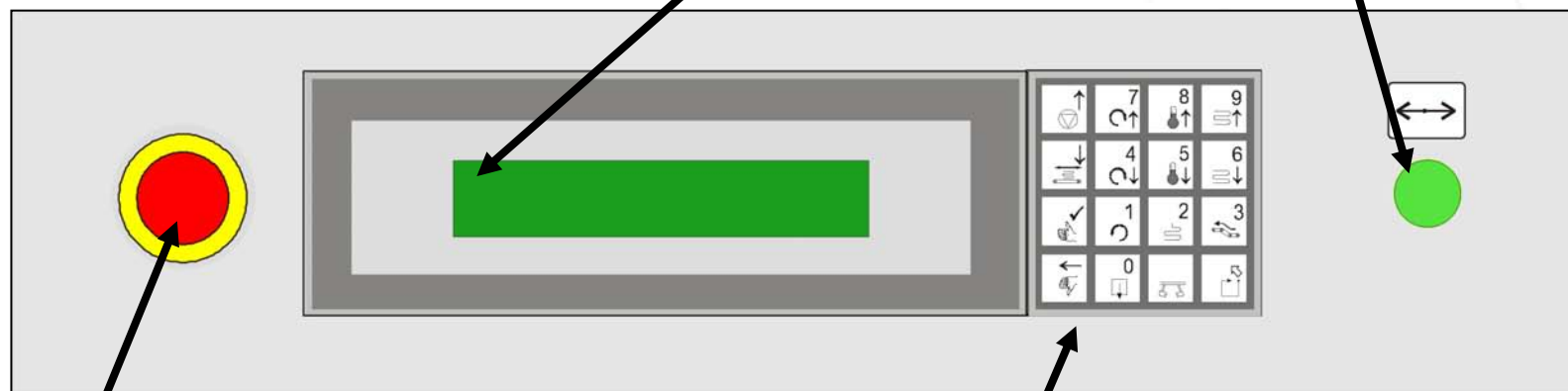
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10. Microprocessor

Start of feeding

Two row display



Switch
On/Off

7 ↑ Digit 7 / increase speed in operation

4 ↓ Digit 4 / decrease speed in operation

1 ↺ Digit 1 / back stroke

0 ↓ Digit 0 / quick taking out the linen

9 ↑ Digit 9 / increase length of the fold or length of linen in operation

6 ↓ Digit 6 / decrease length of the fold or length of linen in operation

3 ↻ Digit 3 / starting up the stacker conveyer

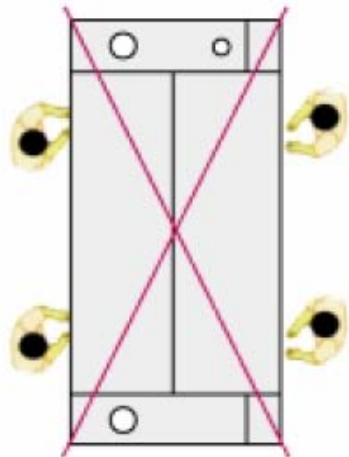
↻ Leaving selection, return back in menu

11. Advantage of Crossfolder & Stacker

- labour saving: reduces number of operators

THE CONVENTIONAL WAY

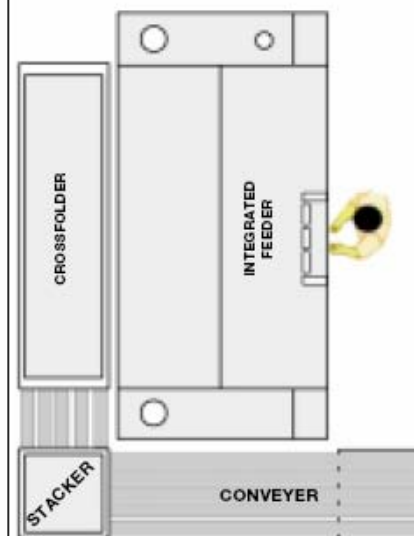
Conventional ironers sometimes requires multiple operators. We have automatised feeding, folding and stacking. Our machines only require one single operator to control the entire process.



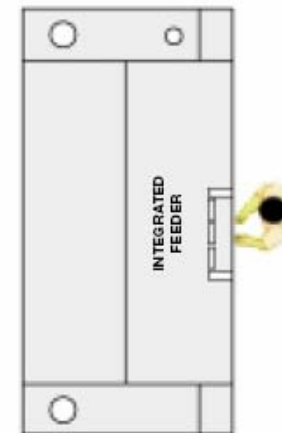
THE PRIMUS LABOUR SAVING WAY:

AUTOMATIC FEEDING, IRONING, LENGTH FOLDING

FULLY AUTOMATIC CROSSFOLDING AND STACKING



MANUAL CROSS FOLDING AT THE FRONT OR AT THE REAR



12. Technical Specifications

TYPE		IFF-50 - 200	IFF-50 - 250	IFF-50 - 320
Roller diameter	mm	LSREP 5020	LSREP 5025	LSREP 5032
Useful roller length	mm	2000	2500	3200
Heating				
Electric heating	kW	50	70,2	85
Gas heating	kW	36	52	66
Steam heating	kg/h	49	67	85
Motor				
Roller motor	kW	0,36	0,36	0,36
Fan motor	kW	0,18	2x0,18	2x0,18
Capacity*	kg/h	60	80	100
Roller speed	m/min	1,5-8	1,5-8	1,5-8
Electrical connection		380-400V 3AC+N 50-60Hz		
Compressed air connection**	inch	exterior : 1/2 - interior : 1/4		
Dimensions				
WxDxH unpacked	mm	2840x1840x1660	3440x1840x1660	4040x1840x1660
WxDxH packed	mm	2980x1360x2080	3580x1360x2080	4180x1360x2080
Crossfolder unpacked	mm	-	3500x870x1010	4100x870x1010
Crossfolder packed	mm	-	3800x1200x1350	4400x1200x1350
Stacker unpacked	mm	-	2754x1100x1300	2754x1100x1300
Stacker packed	mm	-	3400x1450x1680	3400x1450x1680
Weight				
Gross	kg	1931	2210	2530
Net	kg	1615	2000	2280
Cross-folder net/gross	kg	-	490/720	542/772
Stacker net/gross	kg	-	305/565	305/565

* The mentioned capacities are only indicated values while the capacity is dependent on the residual moisture, the kind of linen, ironing temperature, pressure of the ironing bed, condition of the surface and the skill of the operators (idem for consumption)

** Compressor not included

13. References

- **Hong Kong City Hospital, Hong Kong, LSREP5032**
- **Commercial laundry Montebelluno, Italy, LSREP5032**
- **Hotel Rimini, Italy, LSREP5032**
- **HÔTEL DU CONGRES, Bruxelles, Belgium, LSREP5025**
- **Vandersmissen Hoogstraten catering, Belgium, LSREP5025**
- **Primotel MarseilleAeroport, France, LSREP5025**
- **Alp´Azur Hotel, Gassin, France, LSREP5025**
- **Hotel Atom, Ostrava, Czech Republic, LSREP5025**

14. Markets



- **OPL - Hospitals**

- **Hotels**

- **Prisons**

- **Nursing Homes**

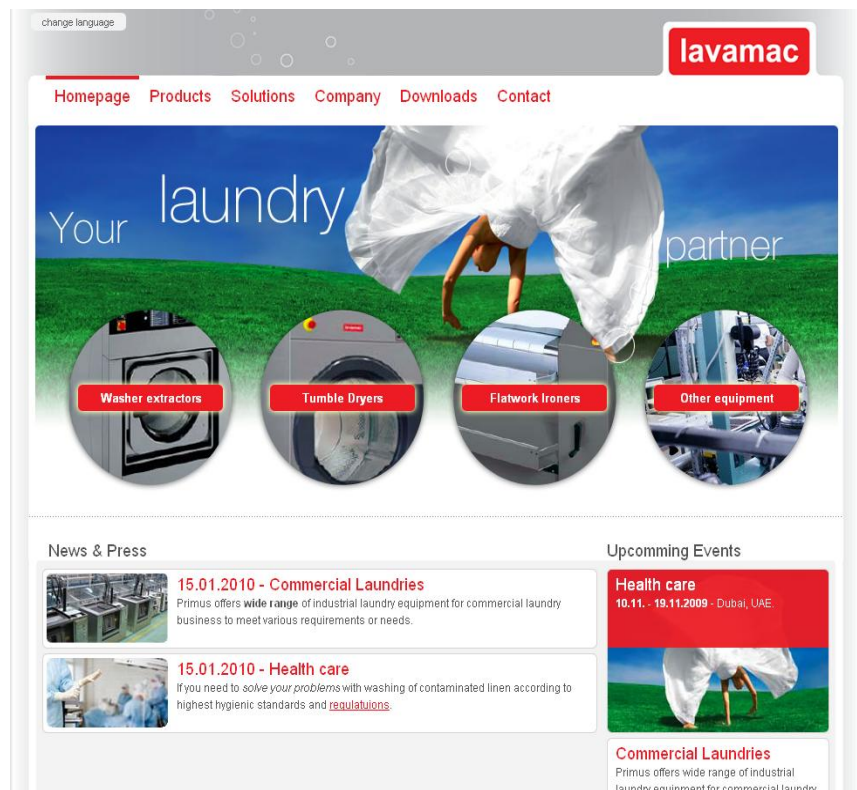
- **etc....**

- **Commercial laundries**

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French
Russian

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