



## Benefits of the Lapauw Ironers

	Quality	Efficiency	Maintenance	Production	Operation	Savings
	Q	E	M	P	O	S
<b>Chest type ironers vs. heated roll ironers</b>	Q	E	M	P	O	S
Faster drying and superior finish is achieved by the constant hydraulic pressure	✓	✓		✓		
Faster drying is accomplished by evacuation of moisture through the roll	✓	✓		✓	✓	
Drying is eliminated for linen containing 62% moisture retention or less		✓		✓		✓
Hot spots common on roll heated ironers are eliminated by evenly distributed heat throughout the chest	✓	✓		✓		
10 minutes shut down time (for self-contained gas ironers only)		✓			✓	
The even surface of the padding eliminates marks normally left by belts	✓					
Paddings have longer life than belts			✓			✓
Springs mounted on the roll compensate for the inconsistencies of the linen	✓					
Bearings have lower failure rate as they are not exposed to excessive heat that accumulates at the end of the rolls			✓			✓
Thermal models are more energy efficient because they allow for reclamation of unused heat		✓		✓		✓
<b>Flexible chest ironers vs. rigid chest ironers</b>	Q	E	M	P	O	S
More contact surface under pressure results in greater production		✓		✓		✓
Constant contact throughout the life of the padding minimizes wrinkling of the linen	✓					
Self-adjusts to variations in padding thickness	✓					
Constant contact throughout the life of the padding ensures minimal buildup of unwanted substances	✓		✓			
Adapts to all padding contours and diameters	✓					
<b>Deep chest ironers vs. small roll ironers</b>	Q	E	M	P	O	S
Chance of wrinkling is reduced by decreasing the number of times the linen is transitioned from chest to chest	✓					
Less risk of breakdown due to less mechanical parts			✓		✓	✓
Easier to operate and requires less maintenance			✓		✓	
Uses less floor space					✓	
Designed for quick and easy future expansion of rolls						✓



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<b>Self-contained gas ironers vs. steam ironers</b>						
Save as much as 30% energy as they allow for reclamation of unused heat		✓				✓
No need to purchase a boiler and water treatment system or expand current boiler capacity			✓		✓	✓
Eliminates the need to install and maintain steam pipes			✓		✓	✓
Can be turned on and off independently from all other equipment		✓		✓	✓	✓
Maintains higher temperature than conventional boilers used in laundries				✓		
Temperature on each roll can be set independently to accommodate different types of linen	✓				✓	
<b>Individual Springs vs. Springpress</b>	Q	E	M	P	O	S
Conical springs will not obstruct perforation in roll, thereby maximizing moisture evacuation and drying capacity		✓		✓		✓
Better moisture removal translates into longer padding life		✓	✓			✓
More compression capacity of the spring minimizes the risk of damages to the chest, the springs, and the padding			✓			✓
Easier, faster, and cheaper to replace than conventional springpress			✓			✓
Springs designed by Lapauw have a higher tension rate that allows for higher pressure applied to the linen	✓			✓		
Engineered to last the life of the machine under normal use			✓			✓
If damaged, replace only the area affected			✓			✓
<b>Other advantages</b>	Q	E	M	P	O	S
Hydraulic cylinders provide greater and more consistent pressure than air systems	✓			✓		
The use of a drive shaft guarantees an exact speed differential between rolls – Always!	✓		✓			
The feed board is driven off the front roll by means of chain and sprocket which ensures constant speed differential between the two	✓					
A moving chest is self-aligning, has a more simplistic design, and requires less mechanical parts than a moving roll			✓			✓
Greasable sealed bearings require less maintenance than sleeve bearings			✓			✓
The life expectancy of electronic components is extended by cooling and filtering the electrical cabinet			✓			✓



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<b>Lapauw ironer vs. other self-contained ironers</b>						
Low-volume chests conduct the heat faster and more evenly		✓				✓
Low-volume chests easily adapt to temperature variations, thus lowering the risk of permanent distortion	✓					
Lower volume of oil makes it easier and cheaper to make scheduled oil			✓			✓
Lower volume of oil translates into faster heat recovery		✓				✓
The temperature on each chest/burner can be set independently to accommodate different types of linen and eliminate unnecessary energy consumption		✓				✓
More roll sizes to choose from		✓				✓
More compact					✓	
Lowest oil volume		✓	✓			✓
Designed for quick and easy future expansion of rolls						✓