



SEVE C Model 3080 Dryer Ironer

Revolutionary Rear Mounted Chest Type Ironer

These ironers dry and iron in one operation. The C Model Ironer range is unique. They are fixed mounted chest type ironers that operate with belts that carry the linen over the heated chest. Unlike cylinder type ironers that use belts to carry the linen over a heated cylinder (roll), C ironers have very few moving parts, shorter belt lengths, and therefore require no supporting drum rollers. These ironers also do not require brass scrapers that cause a lot of problems with many alternative makes. These factors reduce the potential for breakdowns and down time substantially. Obviously that also results in lower maintenance costs.

These are not the only advantages of these machines versus alternative makes. Another excellent design feature is that the chest is filled with oil with the heating elements immersed in the oil. This is not a new way of heating ironers, it has been done by top ironer manufacturers for decades, because oil is a very efficient means for heat transfer and heat retention. However, it has lost favour because the construction cost of this design is much higher than thermally heated designs. Now, due to the lower construction costs in China we have been able to use this method in the whole range of C ironers and still be competitive.

Using this system allows for major operating cost savings. For example, an ironer with a drum width of 3000mm and drum diameter of 500mm of the usual cylinder type with the usual thermal heating typically uses elements rated at 60kw. The SEVE C model 3080 has an 800mm drum and an element rating of only 30kw. In addition, the cycling factor of an ironer using an oil bath is less than 50% whereas the alternative makes cycle at about 70%. Taking an electricity cost of .65 cents per kw hour, the operating cost comparison for these ironers operating for 8 hours a day, 5 days a week is as follows:

Alternative make: $60\text{kw} \times 70\% \times .65\text{cents} \times 8\text{hrs} \times 5\text{days} \times 4\text{weeks} = \text{R}4,368.00$
SEVE C model 3080: $30\text{kw} \times 50\% \times .65\text{cents} \times 8\text{hrs} \times 5\text{days} \times 4\text{weeks} = \text{R}1,560.00$
Monthly cost saving, energy cost only = R2,808.00
Annual saving = R33,696.00

In addition, the very expensive cost of replacing the belts is radically reduced. The belts for a C model ironer cost less and last longer. With rapidly rising energy costs and the increasing cost of imported spares, operating costs are now a critical factor in the purchase decision.

Finally, all drums are stainless steel and through feed models are available as an option.

