

COMPARISON OF **TURBO-484 COBRA TENSIONING SHIRT FINISHER** and **TRADITIONAL METAL BUCK SHIRT FINISHER**

	Turbo-484 COBRA Tensioning Shirt Finisher	METAL BUCK SHIRT FINISHER
<u>Hot Steam vs. Hot Metal Buck</u>	TURBO-484 COBRA finishes the entire shirt by blowing hot air and steam from inside, and inflating the shirt while holding it under strong tension.	The Metal-buck finisher presses the shirt by applying hot metal against the body of the shirt.
-- Cracked buttons	(a) No cracked buttons; no sewing of new buttons. Saves time and labor.	(a) the <u>buttons</u> begin to crack under the heat, and need to be replaced;
-- Color Loss or Shine	(b) By blowing hot air and steam from inside out, TURBO-483 finishes the garment with no loss of color or shine. Dark colored shirts (black, dark blue, dark gray, etc.) will retain their vibrant original color.	(b) the heat from the hot metal begins to <u>affect the fabric</u> – fabric may show shine or color loss.
-- Heat-sensitive Fabric	(c) TURBO-484 COBRA is gentle on fabric, and can finish any fabric -- silk, cotton, linen, rayon, Spandex, or blends with no problem.	(c) a shirt with heat-sensitive fabric (e.g., Spandex) cannot be finished on a hot metal buck;
Shirt Sizes	TURBO-484 COBRA can finish all sizes – from a very small shirt to extra large size shirts (3XL).	The metal buck is cut and made to press the “regular” size shirt. A very <u>small shirt</u> will not fit on the traditional metal buck; a very large size shirt will be too large for the buck requiring a lot of touch-ups later, or the shirt will have to be finished by hand.
Pressing body and sleeves	Body and sleeves are finished at the same time. This saves time and labor, and gives the same finish on body and sleeves.	Sleeves are pressed by a separate sleever, or blown. If the sleeves are blown and the body of the shirt is pressed by a hard metal buck, the finish on the sleeves will not match the finish on the body of the shirt.
Sleeve Angle Adjustments	Individual adjustment of sleeve angles by joysticks on the base of machine.	Typically, cannot adjust sleeve angles. As a result, the shirt may require touch-ups to remove wrinkles under the arm.
Work Environment; Energy Saving	TURBO-484 COBRA comes with an “energy saver” that takes in hot air used in the prior operating cycle and re-uses it in the next operating cycle. This reduces steam consumption by 25%, lowers the energy bill and provides a cooler work environment for the operator.	No energy saver. The metal buck must be kept heated all day long -- higher energy use, higher energy bill, and hotter work environment that reduces productivity.
Production	TURBO-484 COBRA can produce up to 50 pieces of virtually flawless shirts per hour, with very little touch-ups, with no added labor cost.	The metal-buck finisher can produce 50 -60 shirts per hour, but with all the touch-ups needed, final production rate is similar to TURBO-483, while the labor and energy cost remains high and the work environment remains hot all day.