

Remanufacturing CS-400E Component Locator



In the 1980's and early 90's the model CS-400B, C and D machines carved the way for what was to be come the "workhorse" of the industry when it comes to semi-automatic through hole assembly. First produced in 1993 and still in production today, the CS-400E machine continues to dominate. But all "E" machines are not created equal. Many retrofits and upgrades have been developed over the past 17 years. It is why when a machine becomes available on the use market a "good deal" is not always what it seems.

What follows is an explanation and differentiation of the remanufacturing process compared to "refurbished" machines.



This is a machine that recently went through our remanufacturing process. This machine was in service just prior to being sent to us for remanufacturing. It is obvious this machine is in need of some TLC.

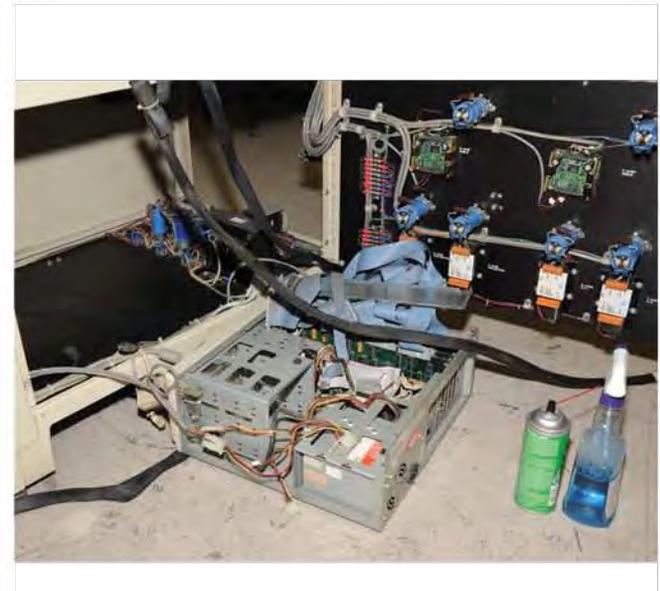
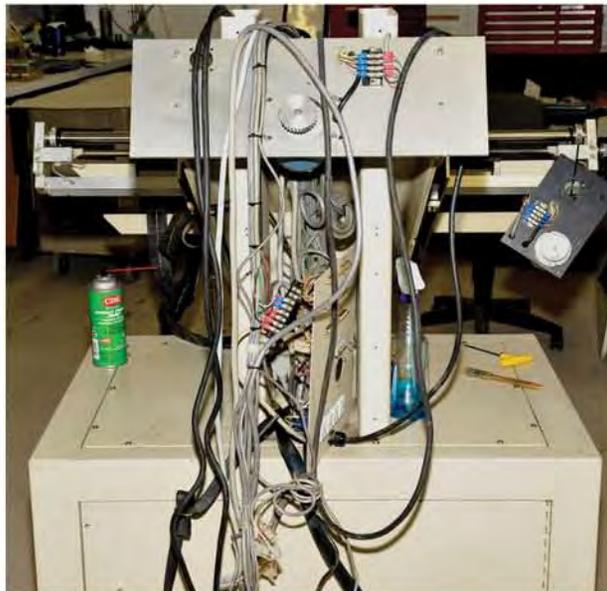




The first stage of the process involves a disembowelment of the machine.

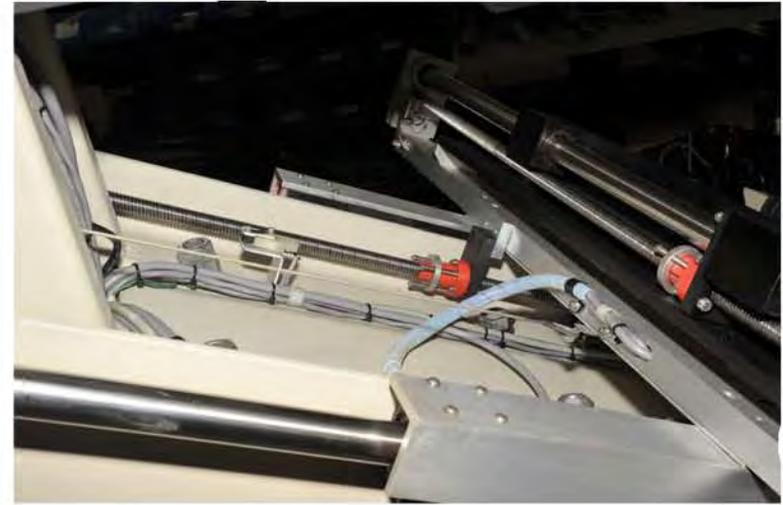
We need to know what we are dealing with.

Major assemblies are removed for the remanufacturing process or to be replaced with the latest retrofits.





Besides the obvious cleaning and touch up, various cosmetic components are replaced.

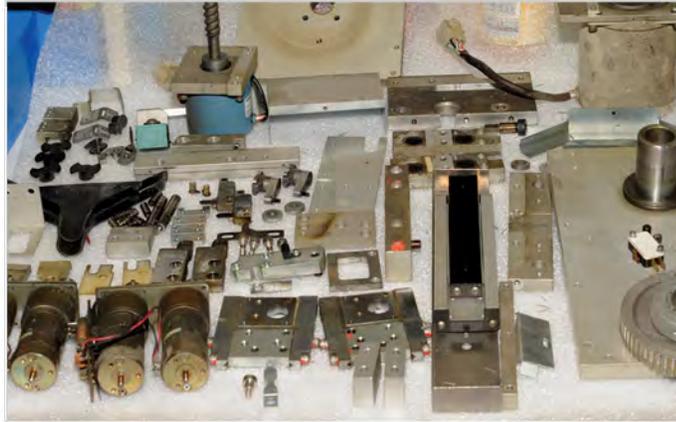


In this case a keyboard upgrade was done along with replacing the worn padded arm rests.

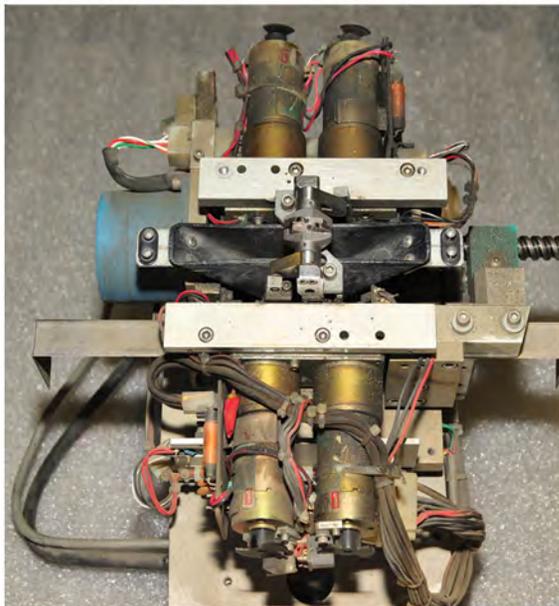


The crux of the CS-400E machine is the cut and clinch mechanism.

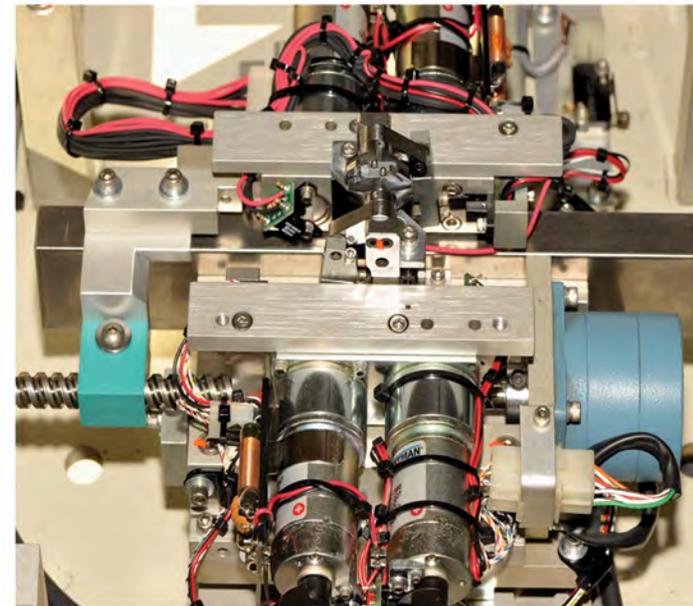
old unit



reassembled unit



The unit is completely disassembled, cleaned and lubricated.

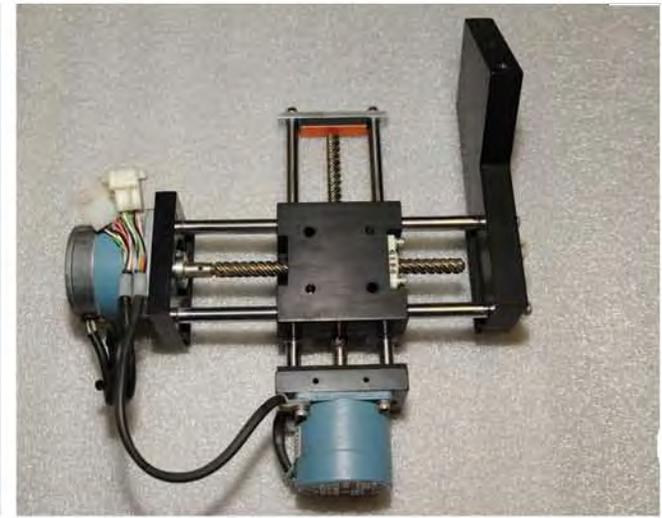
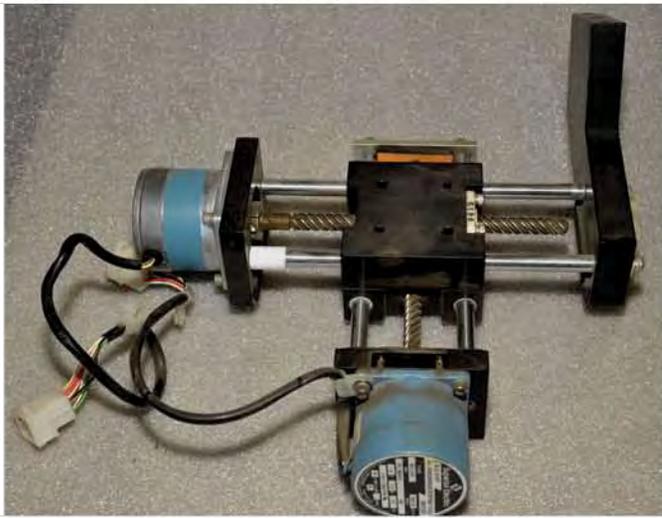


Worn parts including motors, cutters and the like are replaced with new parts.

All remanufactured machines will have totally rebuilt cut and clinch units.



The unit is reassembled to factory specifications



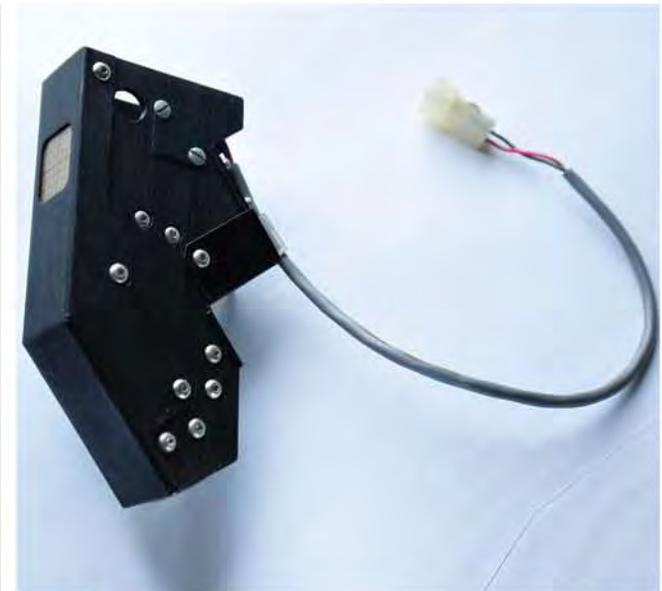
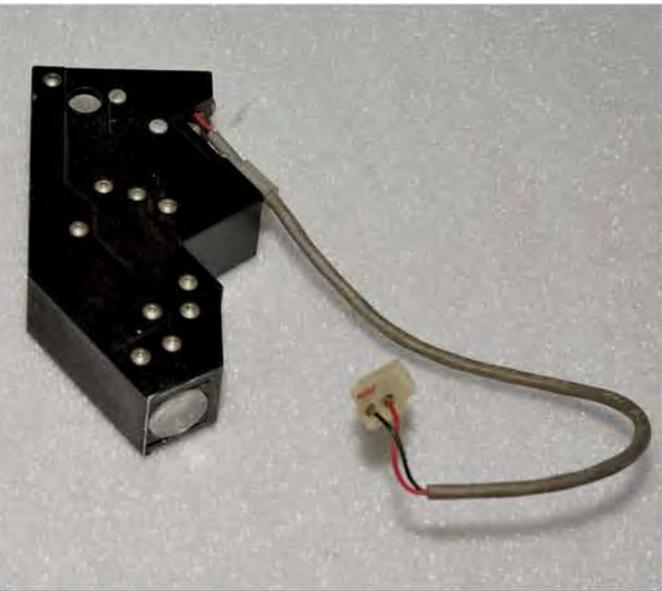
Subassemblies are disassembled down to the component state.



Every part is cleaned and re-lubricated if required. Faulty or worn parts are replaced.



The subassemblies are rebuilt to original manufacturing standards.





Major retrofits are done during the remanufacturing process.

In this case the machine was originally sold with the smaller CRT touch screen monitor but had a retrofit to an intermediate flat screen monitor.



The top channel was removed from the machine and brought into our machine shop to be modified to accept the latest monitor upgrade and thus further "futureproof" the machine.

This cannot be done in the field.

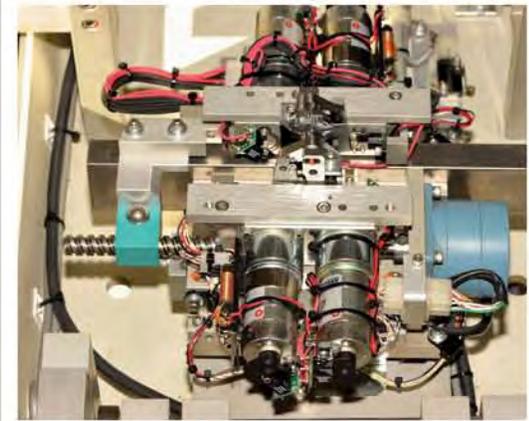


The monitor was discolored so the latest retrofit was installed.



Although the PC was still functional it was determined that it was too old to leave in service. Therefore the latest computer upgrade was installed.





The end result is a virtually new machine with warranty but without the new machine price tag.
Contact sales@versatecsolutions.com for pricing and availability.