Ezibagger Instructional Video Transcript - Video Part 2

At the front of the Ezi-bagger machine we have a static conveyor. The reason for a static conveyor is to assist the operator moving the bag once he has got it filled to move it to one side for welding stitching and or packaging. Now this static conveyor, by static I mean it has no electric motors on it, so it is manually operated. Now on the static conveyor there is a metal slide, so the bag will sit neatly on the metal slide and not jam in the rollers. Also. Because the bags come in different heights, sizes the conveyor is adjustable in height so the bag can be fed at exactly the right height to facilitate the filling, to minimise the spillage of material. Attached to the end of the static conveyor is a scale unit. With the scale unit it comes with a digital readout. This unit can be either integrated into the machine or can be a stand-alone unit where you just use the machine using a manual operation you can stop when the bag reaches a required weight.

Once you have finished filling your bag with product you need to seal it, move it off onto the static conveyor and along to in this case a heat sealer. This unit is a manual unit, we also supply automatic units. The unit, this manual unit has been modified and tilted over at an angle so as you bring the bag along you can easily flip it up on the anvil and press the foot pedal for sealing, then move it along to the end for palletising.

If you are not using plastic bags we can provide sewing machines or we can provide you with a manual wire tying operation

As your bagging operation expands, C-Mac can tailor make your equipment to suit your needs we can make motorised conveyors with flat belts, we can provide fully automated bag sealing operation, we can than put kickers on a conveyor system, manufacture bag flatteners, supply robots and palletising equipment if you need it.

These 40 kilo bags take approx. 10 seconds to fill, tire and stack on the pallet, to be efficient to use this machine I would recommend 2.1/2 operators, by that I mean – one operator to fill at the machine, pass the bag onto another operator to seal itor tyre the bag, stack it, then you need another part-time operator to operate a front end loader for filling the machine and moving the pallets away.

C-Mac employees a number of tradesmen, we employ sheetmetal workers, boiler makers, fitter and welders, fitter and machinists and also design engineers. We have a wide range of equipment enables us to make most of this in house. The control box is also made by a local company using readily available components,

C-Mac Industries has a quality assurance system, we have accurate process control, using barcoding systems and time recording. So we know exactly how these machines are made by who and when. What that means to our customers is that if there is anything wrong or something gets damaged, spare parts or replacements are readily available.

The Ezi-bagger machine has been manufactured and designed with a view for withstanding outside weather conditions, the electronic control box is fully sealed, frames hot dipped galvanised, and as I mentioned earlier the hopper is made out of galvanise steel and painted. One of the added features of the Ezi-bagger machine is the safety. When you are using the machine there is no moving parts for the operators to jam their hands or get their fingers caught in anything. The operator is standing nice and vertical so there is likelihood of any back injuries.

The machine has been so popular it has been sold throughout Australia and even the State Emergency Services use it in their harsh working conditions for emergency sandbagging.

My name is Gary Campton from A.E. Biggs at Frenchest Forest Landscape supplies, we have had this particular machine since October last year 2005it's February 2006 and we have had no problems with it and are very happy with it. The sand comes down this chute into a bag and scales weigh it and we do 20, 25, 40's and rolls along here, we are going to change the bags to plastic, heat seal it, throw it on a pallet and out they go. No worries ah? – Yep "no worries".

So far we are very happy with the machine, it's cutting down on labour, we can put out more product within the time limits and we find that very satisfactory.

It's all automated for one man, I think that is the best part of it. One man can satisfactory do one man's job, its pedal control , just hold the bag up here, away you go, scales are there and they tell you how much there is in the bag. There is no room for faults really is there? What else can I say?