

# Making our ties



**Above** -- Scrap Plastic arrives.

**Right** -- Plastic goes up the conveyor belt and drops into grinder. Ground up and chopped plastic drops into a huge bag.... **Below**



**Above** -- Plastic Chips are heated, compressed, and pumped hot into Feeder Tube.



**Above** -- Feeder Tube electrically heated to keep the plastic hot & flowing.



**Above Left** -- Our 8' long 2"x3" molds

**Above Right** -- Example mold is mounted on 2 chains. Usually all molds are mounted. The chains rotate the molds... first to a position in front of the heated feed tube which fills the mold. Then the filled mold is rotated into a cold water bath while the next mold is filled. This repeats till a filled mold emerges from the water at which time a hydraulic ram pushes the 8' tie out of the mold.

**Below** -- 2 more pictures of the machine



**Right** -- 8' Tie are cut to 16" lengths with standard chop saw.



**Top** -- Ties are stacked on pallets, moved out the loading dock, and stacked in the yard.



**Middle** -- Finished product awaits shipment



**Bottom** -- 270 8' Ties loaded on John's truck.

