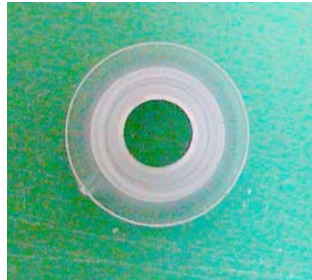


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DEPRAG – PRESS-INSERTION MACHINE FOR VOLVO PARTS

This month's machine was manufactured by DEPRAG for Fingscheidt. The machine's objective is to insert two plastic sleeves (grommet) into a plastic cover for the Volvo 1PX.

The Operator loads the part fixtures with a plastic cover. Using an opto-touch button, the index table turns by 180-degree and the plastic part is immediately underneath the press-insertion unit.



Top-View of Sleeve



Side-View of Sleeve



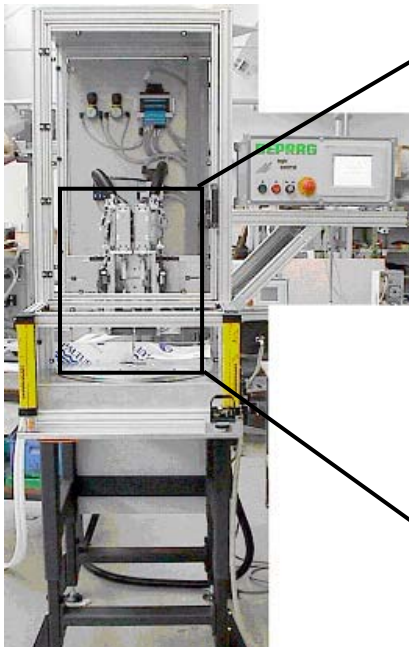
Feeder for Plastic Sleeves with Hopper



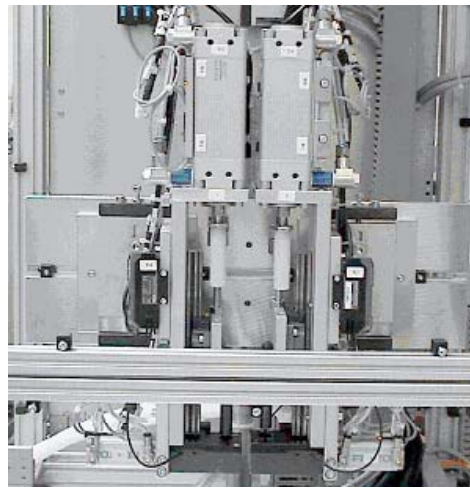
Plastic Cover prior to assembly



Finished Plastic Cover



Full View of Machine



Press-Insertion Unit

The sleeves are automatically fed into an indexing device. They are subsequently oriented and vacuum is used to pick the sleeves out of the indexing device. The indexing device moves back and the press-insertion unit inserts two sleeves simultaneously onto the plastic part. While one part is being assembled, the Operator can preload another plastic part into a second part fixture.