

**THERMOREGULATED TRANSFER FOR INJECTION PRESSES:**

this device is used to inject into several points in the mould. It consists in a tempered steel block used as a plunger and a tempered steel block used as a pot where there are some holes to receive the nozzles: these allow the compound to cross from the transfer pot to the item to fill up. The transfer pot is maintained at a safety temperature, to avoid the vulcanization of residual compound in the pot at the end of transfer, so to be used again in the next cycle.

**THERMOREGULATED TRANSFERS USE ADVANTAGES:**

- Injection nozzles can be placed according to a fixed grid and used according to the needs of every moulds, quickly excluding the others.
- The special nozzles conformation allows to make up for possible skews of moulds holes.
- Injection runners are reduced till almost their elimination.
- Reduce the compound scorch danger during its crossing through the runners (so, it's possible to use quicker compound).
- This devices eliminate the trend of opening press (mould) due to the injection pression effect through the injection runners.
- Reduce injection time, in that the injection point is near the moulds, so it's possible increase the injection speed.
- Best regulation of rubber flow in the hollows, so to fill up every items at the same time and conform the physicalchemical features of the items of the same cycle.
- Reduce the features due to the filling up difficulties of external hollows.
- Because of the absence of prevulcanization danger during the injection cycle, it's possible to increase the planes' temperature and reduce the vulcanization time