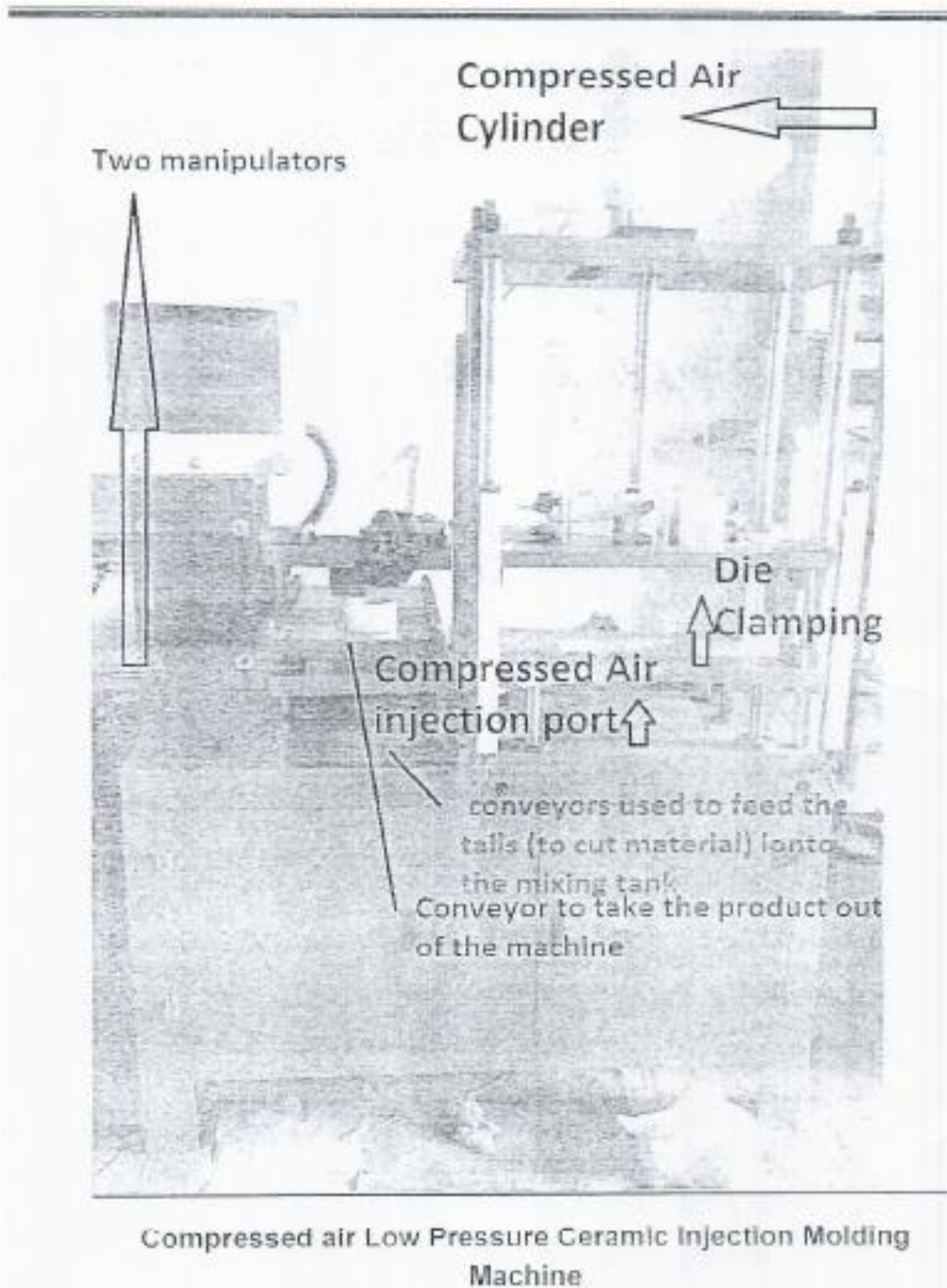
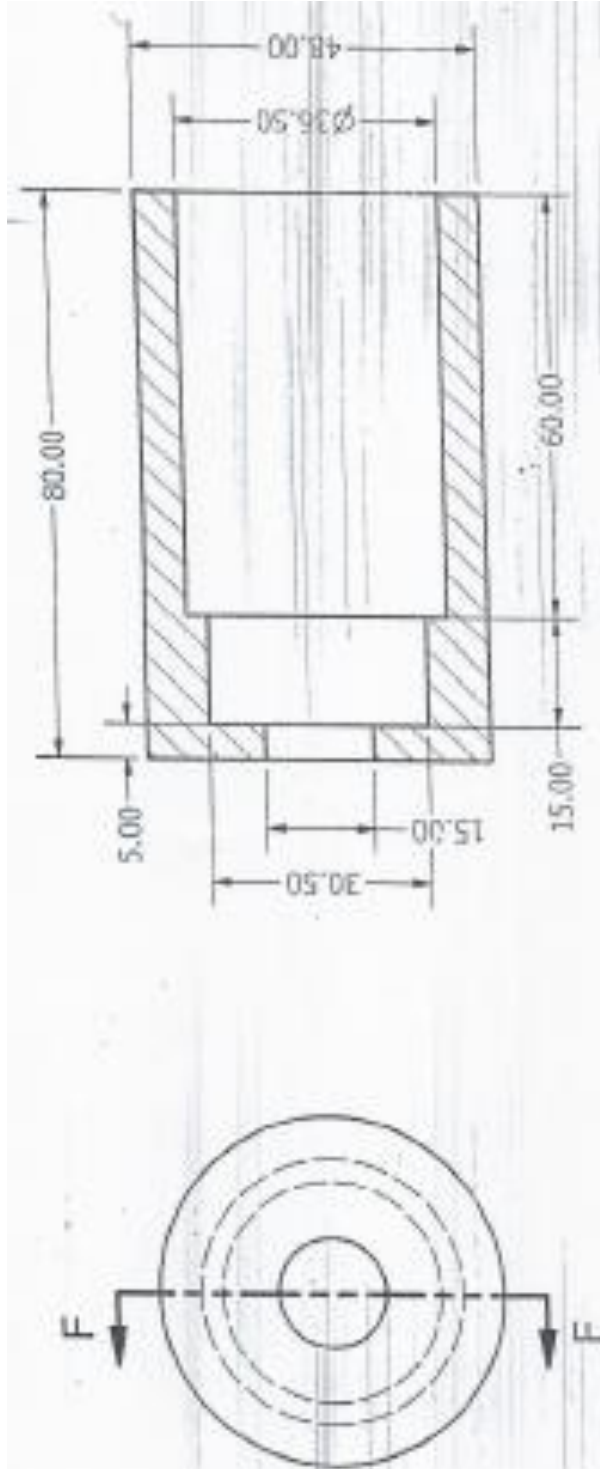


| <p align="center"><u>TECHNICAL SPECIFICATIONS</u></p> <p align="center">LOW PRESSURE CERAMIC INJECTION MOLDING MACHINE</p> | |
|--|---|
| Configuration of Automatic Hot-Pressing Injection Molding Machine (Compressed Air) | |
| 1. | Fully automatic hot-pressing injection molding is to adopt the principle of air pressure to form the products. The principle of up and down movement of the mold is adopted. After the heating of the raw materials, air is pressed into the mold. The mold has a cooling system, so that the heated raw materials are immediately pressed into the mold cavity, there is water cooling system instant cooling, in the remolding. |
| 2. | All mechanical action is pneumatic principle (compressed air), working in up and down motion mode. |
| 3. | The machine should be equipped with a vacuum tank 30L (270 mm x 480 mm) or as recommended by the manufacturer. |
| 4. | 2 manipulators, using the principle of cylinder forward and backward motion. |
| 5. | There should be four temperature zones for heating, 1 grouting port, 1 kW, 2 barrels, 2 kW, 3 molds 500 Watts, 4 outlets 1 kW. |
| 6. | There should be two conveyors, one to feed the tails into the mixing tank and the other to take the product out of the machine. Conveyor Belt Motor Voltage: 220V |
| 7. | With a BLENDER, 220V. |
| 8. | BAROMETRIC pressure 6Pa-8Pa |
| 9. | Separation of oil from water-2 series Model SFC400, or equivalent |
| 10. | Die: Die Shape 280mm x 220mm x 270mm Kill: The stripping stroke should 50 mm, the minimum clamping stroke should be 220 mm |
| 11. | Single Board Computer Operating System |
| 12. | Electric Power: 220-230V, alternating current |
| 13. | SOLENOID valve power supply 24V |
| 14. | Photo Protection |
| 15. | Injection temperature 65-85 degrees, adjustable range 0-150 degrees. Kill. Fully automatic machine dimensions: 1700mm x 1100mm x 2120mm or as recommended by the manufacturer |





Sintered Part Drawing
 Shrinkages as per Alumina 95 % wax based feed stock (Cake)
 mold for 01 component

