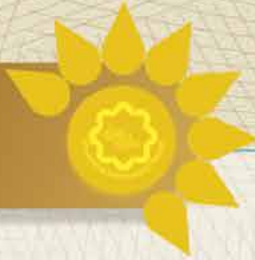


Third Laureate Research & Development



- **Project Title:** Design and manufacture of high pressure cylinder product line machinery
- **Researcher:** Majid Izadi (Ph.D.)
- **Collaborators:** Abolfazl Molaeinezhad, Mahmoud Darvishi



Abstract:

In this project, required machine tools were designed and made for producing of high pressure cylinder. One of the most important machine tools, which can form hot pieces in the rotational mode, is Hot Spinning. It is a CNC machine that can do forming operation with great exact. Furthermore, two special milling machines for neck and bottom of cylinder were designed and made. Also, shot blast and test machines such as hydro, cycling, Burst, Ultrasonic were designed and made in duration of this project.

