



شرکت مهندسی و خدماتی
هیدرولیک کاران

Part Arya Co



Pictorial Report

Hydraulic Power Unit for Pipe Cold Cutting & Beveling machine

Client:

Part Arya Co

Prepared by:

Hydraulic Karan Eng Co

Engineering Division

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The aim of this project is to design a hydraulic power unit driven by diesel motor (supplied by customer) for pipe cold cutting and beveling machine. In this project, we are going to use variable displacement piston pump manufactured by Eaton-vickers (USA), manual control directional control valve manufactured by Pedro-Roquet. It is worth mentioning that with respect to the machine application, there is no electrical signal available in this power unit.



Fig 1 – 3 sets hydraulic tanks have been assembled and are ready for final welding. With respect to customer inquiry these tanks should have 200 Lit volume using 3mm thickness bended carbon steel plates



Figure 2 -3) in order to couple variable pump to diesel motor some accessories are required, for making special type bell housing and coupling. These parts are in machining process now



Figure 4) main structure is in assembling stage