



PMU

جامعة الأمير محمد بن فهد
PRINCE MOHAMMAD BIN FAHD UNIVERSITY

College of Engineering
Department of Mechanical Engineering
Senior Graduation Project

Triplex Plunger Pump

SPECIFICATIONS:

Model:	AHA-350
Discharge Pressure:	350 bar (5,076 psi)
Discharge Flow:	24 liters/minute (6.34 gpm)
Plunger Stroke:	22 mm
Plunger Bore:	20 mm
Driver:	25 Hp NEMA Compliant Electric Motor
Crankshaft:	30 mm AISI 1020 Steel
Main Bearings:	Two (2) SKF Cylindrical Roller Bearings (NU 2306)

APPLICATIONS

- Desalination Plants
- Power Generation Plants
- Oil Rigs
- Refineries
- Industrial Plants
- Chemical Plants



Typical Uses

1. Pipe and tube cleaning
2. Surface preparation
3. Water blasting
4. Hydrostatic testing
5. Car washing
6. Water jet cutting

Engineering Designers:

1. **Abdullah Al-Jubran**
2. **Haitam Al-Mubarak**
3. **Ali Al-Qahtani**

Spring Semester 2010

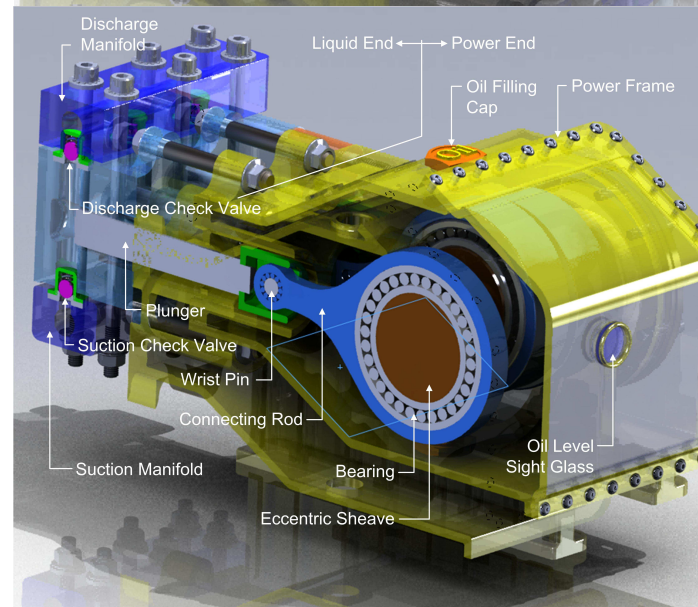
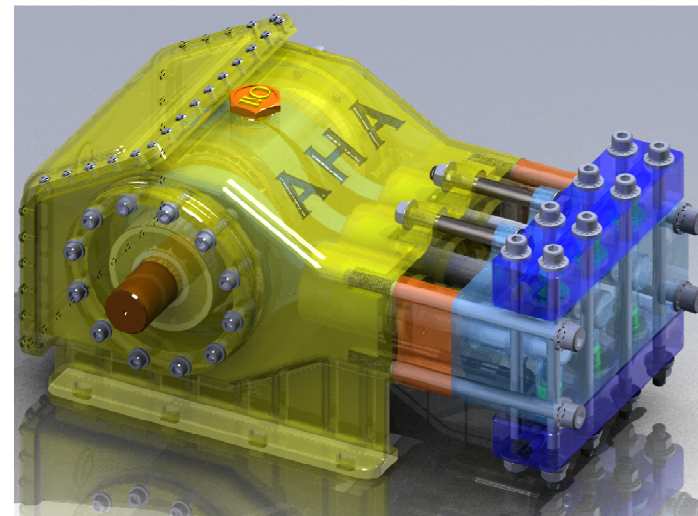
Adviser: Dr. Emad Tanbour

A.Professor of Mechanical Engineering

P.O. Box 1664
Al Khobar 31952
Kingdom of Saudi Arabia

Tel 966-3-849-9792

www.pmu.edu.sa



Dimensions

