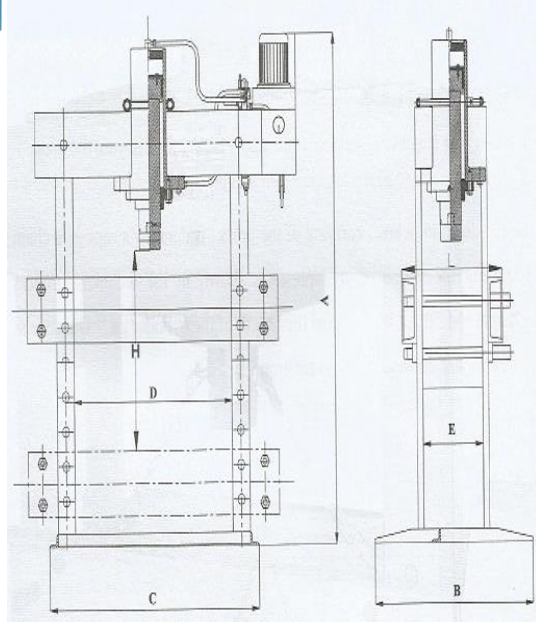


## HYDRAULIC PRESS MACHINE MODEL : HD/80 Ton



### DESCRIPTION:

**Hydraulic Press** is a machine that works to generate compressive force by the use of a **Hydraulic cylinder**. A machine consisting of a cylinder fitted with a sliding piston that exerts force upon a confined liquid which produces a compressive force. The liquid is forced into the cylinder by a pump.

### APPLICATION:

The major application of the hydraulic press is in industry where big size metal objects transform into thin sheets by the application of pressure force. Hydraulic presses are commonly used for forging, clinching, moulding, blanking, punching, deep drawing, and metal forming operations.

**TECHNICAL PARAMETER:**

| HYDRAULIC PRESS                |                 |
|--------------------------------|-----------------|
| <b>Model No.</b>               | : HD/80 Ton     |
| <b>Brand Name</b>              | : HIDROLIKSAN   |
| Pressing Power                 | : 800 kN        |
| Operating Pressure             | : 400 bar       |
| Stroke (Course)                | : 400 mm        |
| ELECTRIC MOTOR                 |                 |
| Motor                          | : 2.2 kW        |
| Power                          | : 3 Hp          |
| Motor Revolution               | : 1500 Rev/min  |
| Voltage                        | : 380 V         |
| Frequency                      | : 50-60 Hz      |
| HYDRAULIC SYSTEM               |                 |
| Pump vol. rate                 | : 6.5 Lit/min   |
| Tank volume                    | : 31 lt.        |
| Oil to be filled               | : 27 lt.        |
| OPERATING CONDITIONS           |                 |
| Landing speed                  | : 5.4 mm/s      |
| Return speed                   | : 8.3 mm/s      |
| CRITICAL DIMENSIONS            |                 |
| Inner Diameter of the cylinder | : 160 mm        |
| Ram diameter                   | : 95 mm         |
| A. Height                      | : 2450 mm       |
| B. Side width btn st           | : 900 mm        |
| C. Front width btn st          | : 1350mm        |
| D. Inner width                 | : 920 mm        |
| E. Side width                  | : 300 mm        |
| H. Max work capacity           | : 900 mm        |
| <b>Weight</b>                  | : <b>725 kg</b> |
| <b>Brand New</b>               | : <b>Turkey</b> |

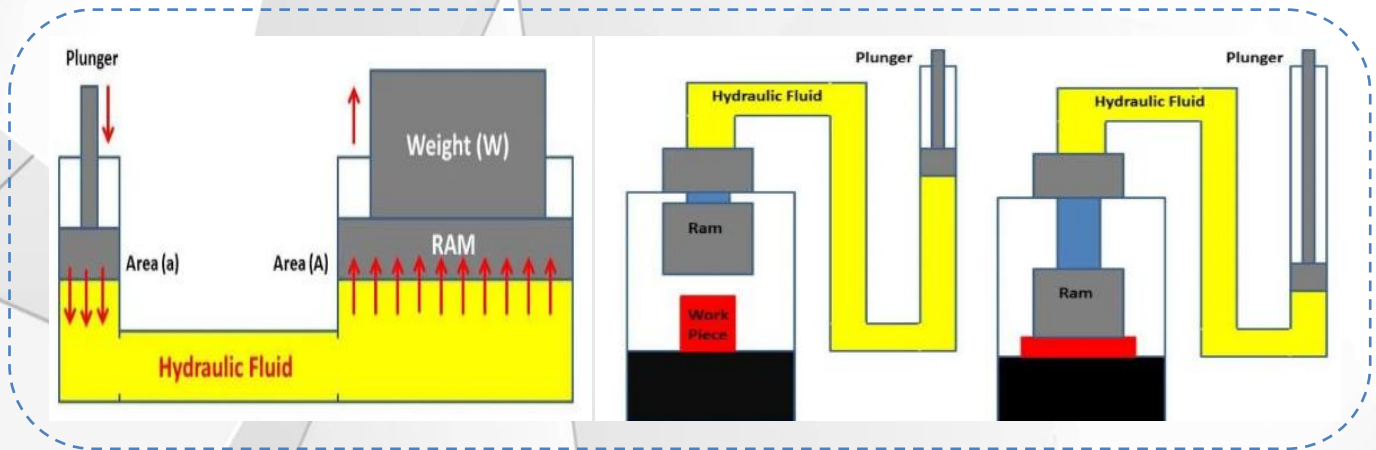
**OPTIONAL FEATURES:**

- Pressure Regulator
- V Pattern
- Automatic Control
- Table
- Hydraulic Travelling Cylinder

### STANDARD FEATURES:



### APPLICATION:



### MACHINE:

