

## **8.0 Fly Ash Brick Manufacturing Machine (Brief Details)**

### **8.1 Vibro Press**

This is a small press in which Fly Ash Brick mix is compacted through vibrations. In these machine about 3-4 bricks can be produced at a time. These are small capacity machine & can produce about 1000-1200 bricks in 8-10 working hours. Fly Ash Brick can be produced at construction site as it does not require any special type of foundation and can be shifted from one place to another easily. Depending upon the requirement, number of press can be installed at site for making Fly Ash Brick. The press requires nominal maintenance. In this press mix is poured into mold manually and therefore, requires more labour compared to other machine. Good quality Fly Ash Brick can be produced by these presses.

### **8.2 Hydraulic Press**

In this press mix is compacted into brick shape through high hydraulic pressure. These presses are also available which provide hydraulic pressure as well as vibrations. Such presses of having capacity of making 20,000 bricks to 1 lac bricks per day are available in the market. In these presses mix from pan mixer to brick press is conveyed through conveyer belt. The molded bricks are taken out manually and kept on the pallets & taken away to drying area by mechanical means. Fully automatic as well semi automatic type of plants are available in the market.