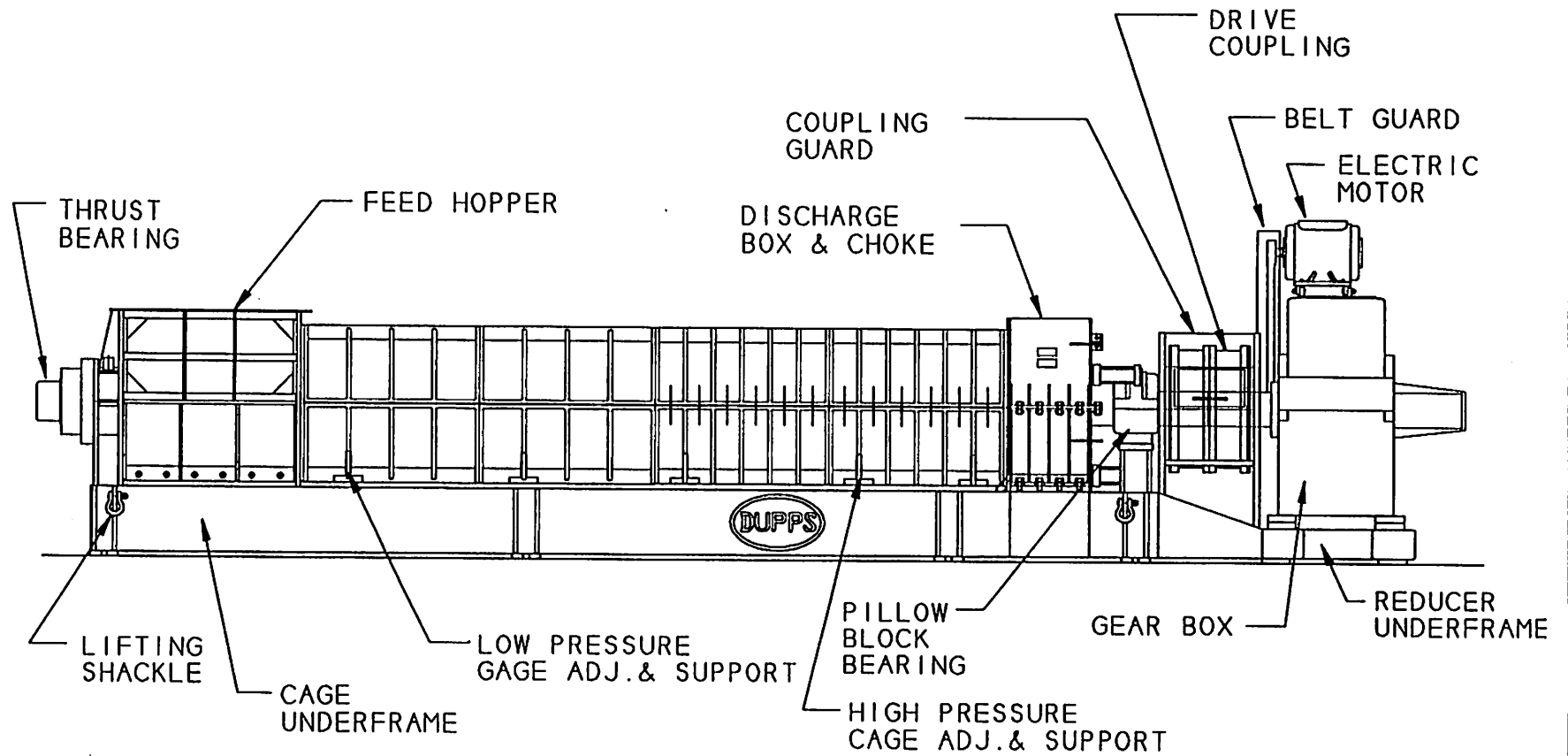


Figure 1-1  
Model 3620P Dewatering Press



**WARNING - ILLUSTRATION:** To clearly show certain details in the illustration, the press may be shown with some covers, guards, or other safety equipment removed or in the open position. Be sure all covers and guards are in place before operating the press. Failure to follow this instruction can result in serious personal injury.

## General Description and Specifications

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### 1.1 General Description

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The Dupps 3600P Series Dewatering Presses are designed to remove liquid from pulp slurry. The Dewatering Press performs one operation in the dewatering process, producing a dry cake which is suitable for further processing.

Material enters the feed hopper. Flights on the rotating press shaft convey the material toward the discharge box. As the material moves toward the discharge box, compression resulting from the increasing root diameter of the press shaft forces the water out through the screens surrounding the shaft. A pneumatically controlled, adjustable choke at the press discharge allows the operator to control the amount of pressure exerted on the cake. The dried cake is discharged at the choke and drops into the discharge box. Liquid pressed out of the cake is collected in the liquid drain pan and discharges through a suitable flanged opening.

Figure 1-1 identifies the major press components.

### 1.2 General Specifications

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Section 1.3 lists general specifications, dimensions, and required clearances for the Dupps 3620P Dewatering Press. Full specifications for each press component are listed in the Configuration Sheet in the Introduction section of this manual.