



## HYDRA-EXTRACTOR<sup>®</sup> HE-6S-3

### DESCRIPTION

#### GENERAL - The SOMAT Hydra-Extractor<sup>®</sup>:

The shell weldment, Figure 1 (Item A) serves as the basic structure of the Hydra-Extractor<sup>®</sup>. An access cover (Item B) is provided for cleaning and inspection. The head assembly (Item C) is secured to the top of the shell. The screw assembly (Item D) is supported by a bushing and pin at the bottom of the shell, and by a bearing in the head assembly. The screw is surrounded by a perforated screen (Item E) which permits water to drain as pulp is conveyed upwards. A plug cutter (Item F) is located on the upper end of the screw assembly. The screw is driven by a TEFC motor (Item H) and speed reducer (Item G). The complete Hydra-Extractor<sup>®</sup> and return pump (Item J) are supported on a stand (Item I).

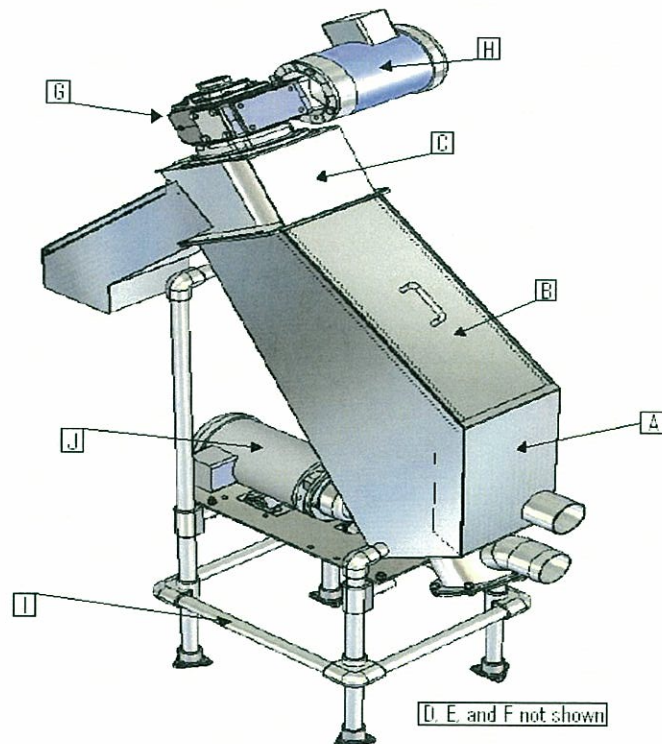


FIGURE 1. HYDRA-EXTRACTOR<sup>®</sup> GENERAL ARRANGEMENT