



**Hutchison Hayes Separation Inc.**

## **HH 1456 5-speed**



The HH 1456 5-speed is a configuration of a drive system for a Decanting centrifuge with variability options on the conveying speed. This configuration is a simple 5 speed selection of conveying speed. The Centrifuge bowl is driven by a main drive motor and the conveyor is driven through a planetary gear box by a 2-speed back-drive motor and brake assembly.

The conveyor speed is simply selected on the panel by a 5-position switch, the conveying speed can be changed while the decanter is in operation.

The gear box has a torque overload device on the driven sun-wheel shaft.

The torque overload device is to protect both gearbox and conveyor against mechanical overload.

The HH 1456 5-speed can be delivered in different variants, explosion proof for hazardous areas, sanitary for Food applications or in a normal Nema 4 execution.

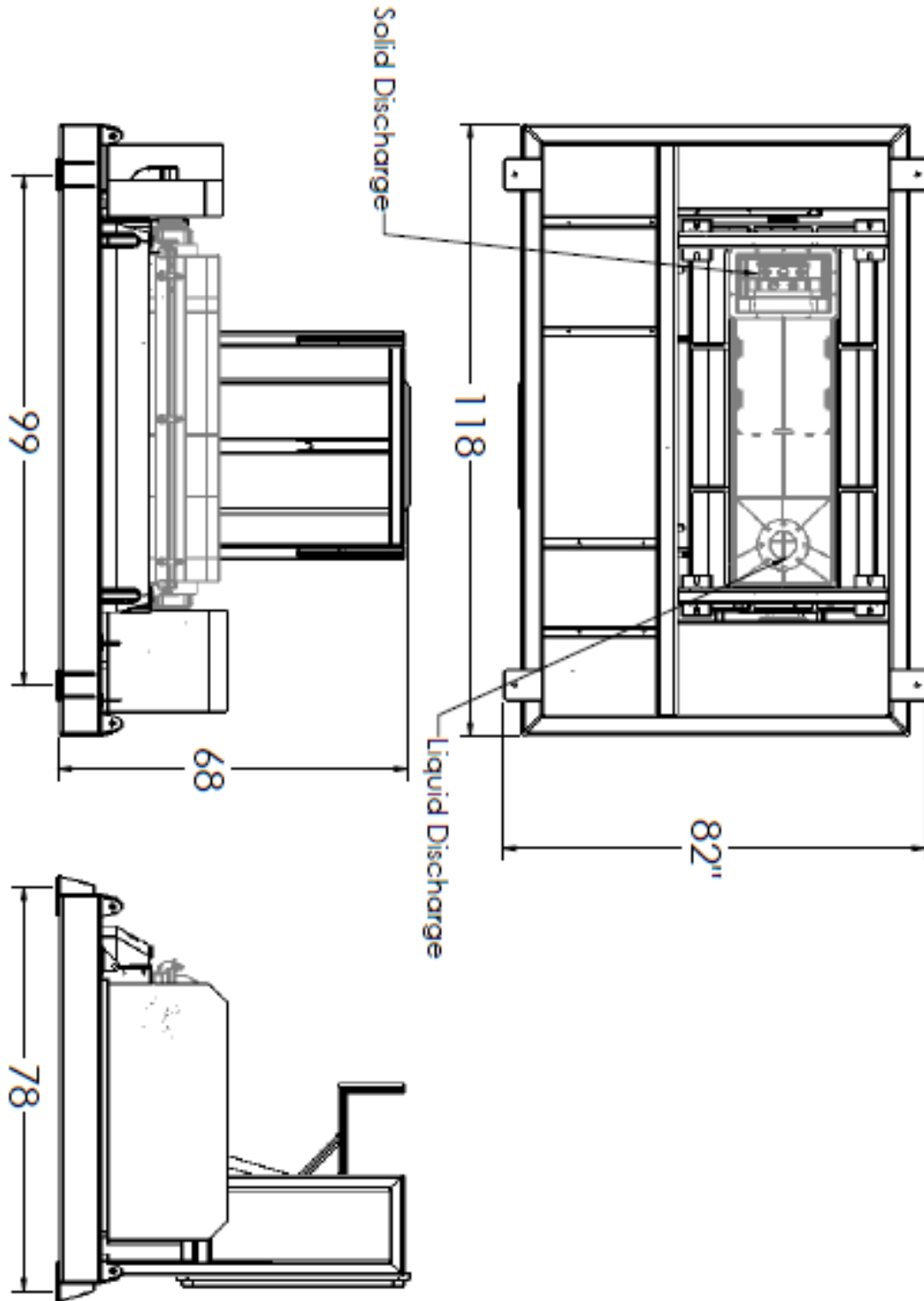
Main drive motor is setup with a sheave that allows simple selection of speeds, by moving the v-belt assembly.

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