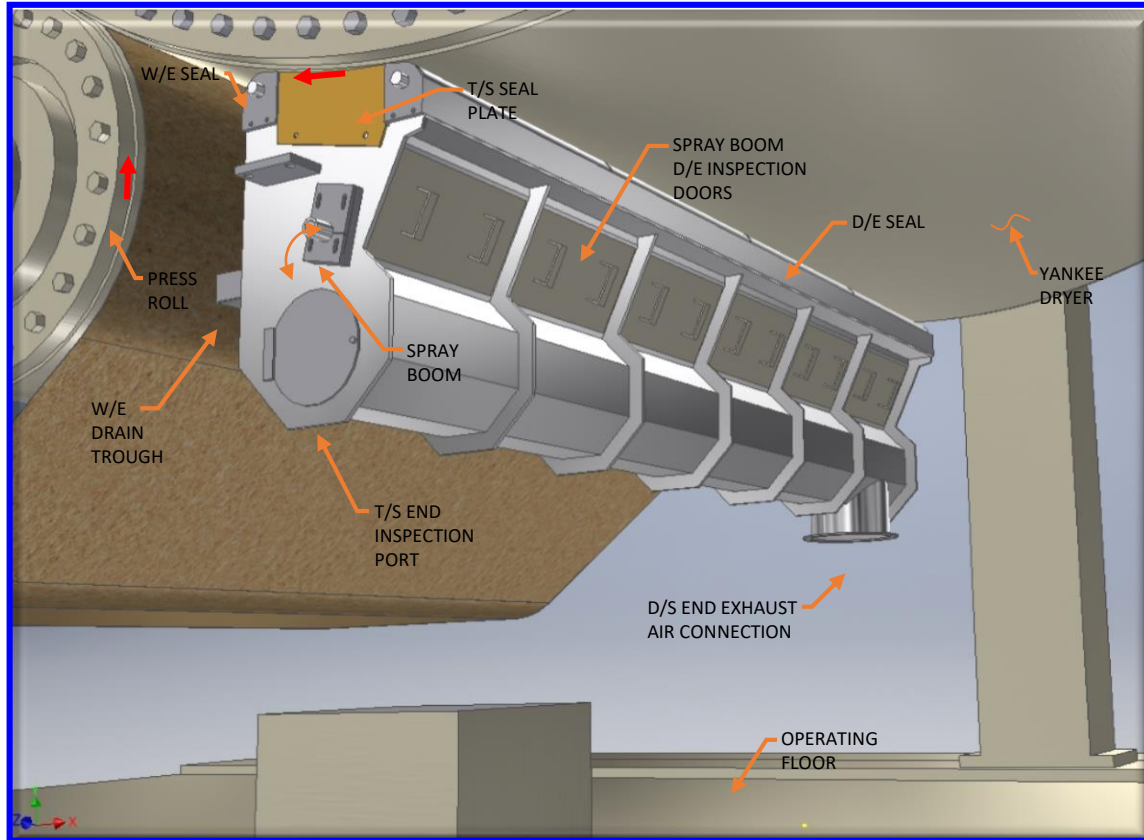


COATING CONTAINMENT BOX



Application:

- Apply coating to a yankee dryer surface and efficiently contain the fugitive mists and generated vapours

Features:

- Fabricated with Stainless Steels, with polished interior
- Custom support brackets with optional box retraction
- Top D/E and W/E seals are rotating bars with doctor blades and water baths
- Spray boom is removable from T/S, has individual isolation valves, quick-release nozzles, triple coverage, and is actuated in rotation for operation in up or down positions
- D/E side inspection doors allow for easy access to spray nozzles during production
- T/S and D/S round inspection ports on lower plenum,
- Flanged D/S exhaust connection

Benefits:

- Compared to conventional designs, this unit is more compact and it eliminates build-up that may rub on dryer
- Increases conveying fabric life because less foreign material goes through press and less coating escapes,
- Improved spray efficiency results in reduced coating chemical consumption
- Improves machine hygiene and worker safety
- Spray boom is easy to change out
- Nozzles are easy to access during production

How it works:

- The W/E and D/E top edges of the box are round bars that are in water baths and are intermittently rotated against doctor blades to stay clean
- The spray boom is actuated in rotation as required to direct sprays downwards into the exhaust or upwards onto the dryer surface
- A removable cover on the T/S and two quick-disconnects allow for removal of the spray boom by pulling it out the T/S
- Air is exhausted from the box to generate a containment velocity at the top of the box where it operates close to the dryer surface



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