
Fuel Ethanol – Revamp of Beer Column

Every Beer Column in Fuel Ethanol is a unique case, and a successful revamp can only be achieved if the column is handled with an individual approach. Many of existing Beer Columns are being revamped to improve the plant performance: more production capacity, higher energy saving or longer time between CIP (clean-in-place).



UFM™ AF tray deck

The Sulzer Chemtech plus

In Sulzer Chemtech, we have tray technologies to revamp any Beer Column with varying conditions such as operating pressures (vacuum to atmosphere), while addressing fluctuating fouling cases and feedstock cases.

Our recognized solutions on these revamps mostly allow the installation of new equipment with no needs of welding on the column walls.



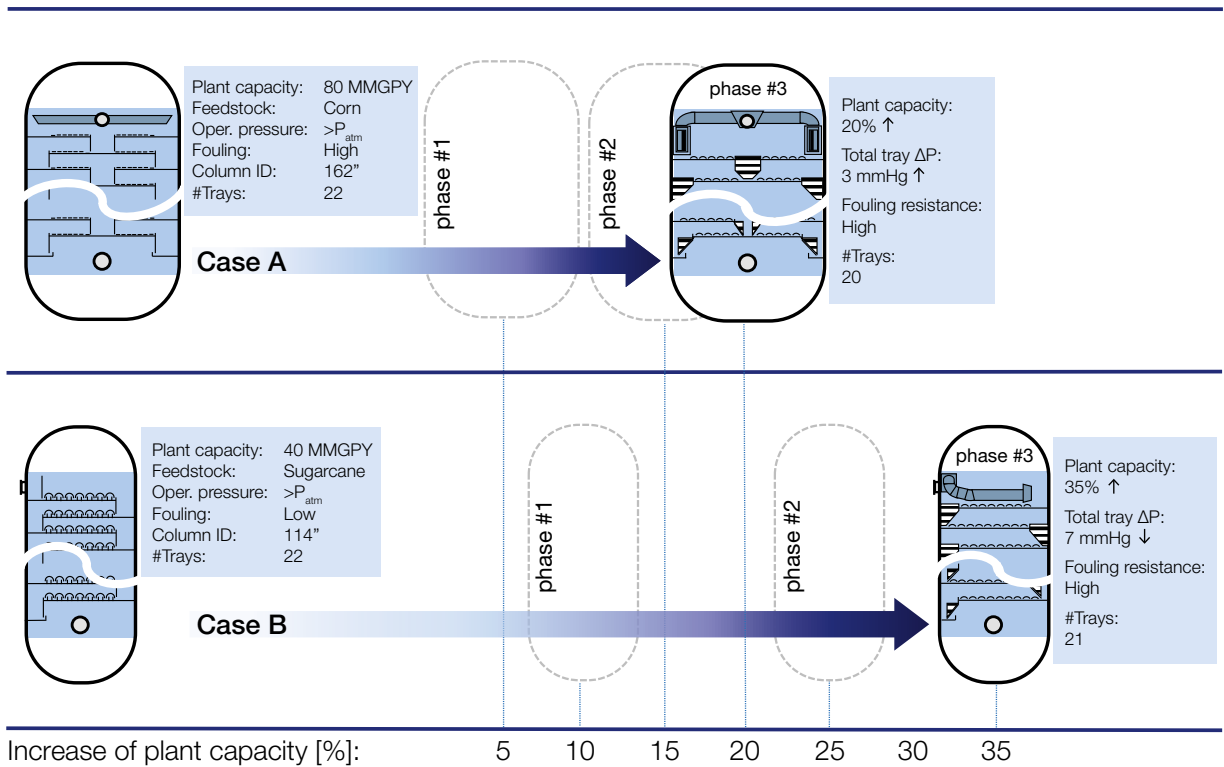
Our service

Depending on your requirements and the characteristics of the equipment installed in your Beer Column, Sulzer offers different phases for the revamps

Phase	Description
#1	Replacement of tray decks only. Tray downcomers are reused.
#2	Replacement of tray decks and tray downcomers. Removable adapters are considered.
#3	Reconfiguration of trays. Spacings between trays are adjusted according to hydraulic requirements.

Our experience

For your consideration of future projects, Sulzer is pleased to share as depicted below two successful cases of Beer Column revamp:



How can we help you?
Contact us today to find your best solution.

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