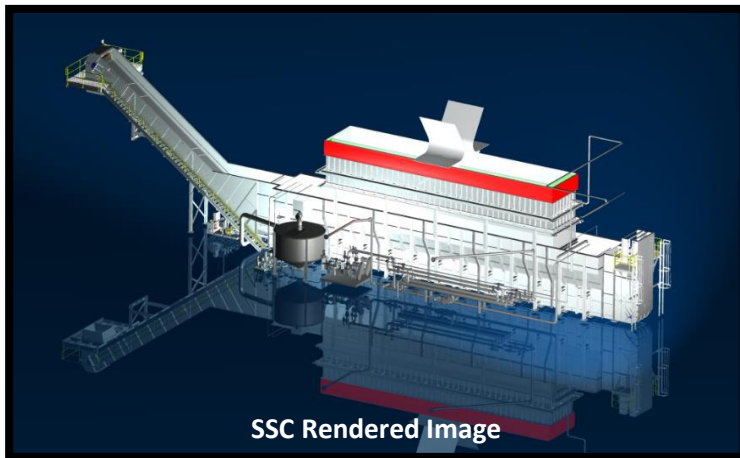


Submerged Scraper Conveyor (SSC)

Bottom Ash Conveying & Dewatering



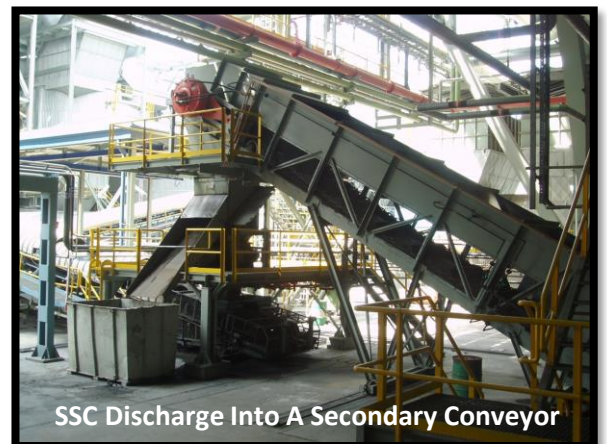
SSC Rendered Image

Delta Ducon offers options for plants to upgrade their bottom ash system and eliminate their ash pond. By replacing their existing wet bottom ash hopper with a Submerged Scraper Conveyor (SSC), bottom ash can be continuously removed, dewatered and collected.

The Submerged Scraper Conveyor (SSC) is supplied as an alternate to traditional wet bottom ash hoppers and slurry systems. The SSC can be used in both new applications and as an upgrade on bottom ash hopper retrofit projects.



SSC Discharge Into A Bottom Ash Bunker



SSC Discharge Into A Secondary Conveyor

The SSC is a heavy duty dual drag chain flight conveyor. The conveyor is submerged in a water trough below the furnace which quenches hot bottom ash as it falls from the combustion chamber. The bottom ash is then dewatered as it travels up the inclined section before it discharges into an ash collection bunker or secondary conveyor.

The SSC is capable of quenching, dewatering and transporting high rates of ash and offers greater energy efficiency than hydraulic systems of comparable capacity.

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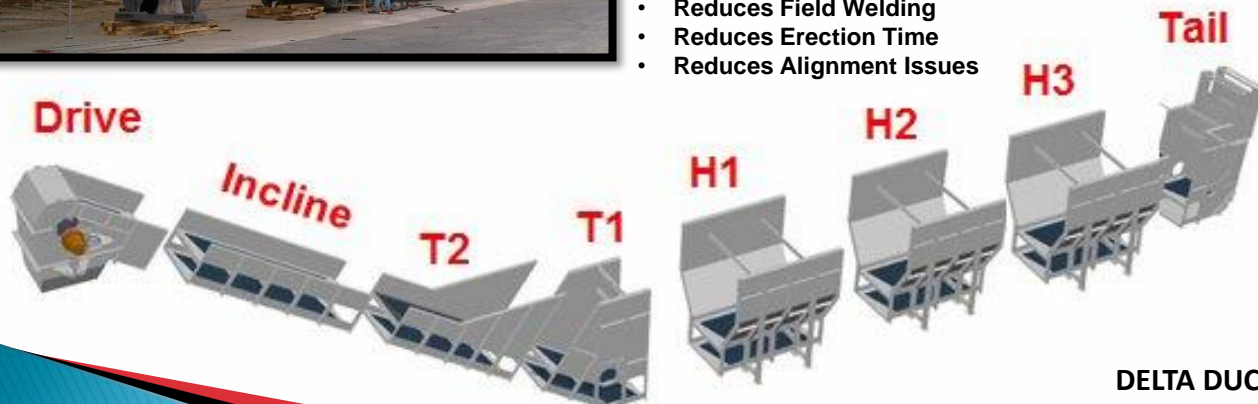
Submerged Scraper Conveyor (SSC)

Bottom Ash Conveying & Dewatering



Modular Construction:

- Reduces Field Welding
- Reduces Erection Time
- Reduces Alignment Issues



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