

A TEC Splash Box

OPTIMIZED MEAL DISTRIBUTION FOR MAXIMIZED HEAT TRANSPORT

Simple from the outside, but essential for high heat recuperation in the preheater tower, the meal splashbox ensures an optimum meal distribution in the gas riser duct which ends at the inlet of the next preheater cyclone stage. The meal splashbox is the connection of the meal pipe from the preheater cyclone to the next associated gas riser duct.

The special design of the splash area, where the meal is redirected from a mostly vertical direction to a horizontal direction, takes care that the meal is distributed over a wide range of the square area of the riser duct. This avoids dropping of meal into the gas riser duct, which would result in a limited heat transfer and higher pressure drop of riser section.

CHARACTERISTICS

- Designed for optimized meal distribution
- Customized for circular and rectangular riser ducts and meal pipes
- With poke hole and fluidization
- Poke hole can be used as shock blower connection riser section
- Delivered with refractory (optional)
- Delivered with molding sheet for the refractory

