

# Metals Industry Equipment.

## LADLE EQUIPMENT



**Ladle Dryers/ Dryer-Preheaters/ Preheaters**

Our **ladle** dryers feature high air recirculation rates to promote fast even drying at lower temperatures; whereas, our preheaters are designed to fire on-ratio for most efficient fuel consumption, while achieving high preheat temperatures. The dryer-preheaters are designed with a large burner to achieve the high temperatures required for preheating, but with rapid air recirculation at lower temperatures for fast, uniform drying. Horizontal or vertical firing arrangements as well as lift-off/portable units or tilt-style units are available.

## TUNDISH EQUIPMENT



**Tundish Dryers/ Dryer-Preheaters/ Preheaters**

Our **tundish** equipment is very similar to our ladle equipment in that the dryer is used for fast and even drying at low temperatures, the preheater is used to achieve high preheat temperatures and the dryer-preheater is used for high preheat temperatures and fast, uniform drying. Vertical tilt-top arrangements as well as lift-off/portable units are available with our tundish dryers/ dryer-preheaters/ preheaters.

*>> Low emissions options available on all metals industry equipment. <<*

## SCRAP PREHEATERS/ DRYERS



**Scrap Preheaters/ Dryers**

Stelter & Brinck, Ltd. **scrap preheaters** dry and preheat simultaneously. These units are designed to fit on top of material conveyors designed for use with a preheater. These units are completely self contained and feature high turn down, high velocity burner systems to provide high air flow rates for drying and high energy to drive the heat into the load. Stelter & Brinck scrap preheaters provide increased throughput by supplying a hot charge for melting.

## SOW EQUIPMENT



**Sow Dryers/ Preheaters**

Stelter & Brinck aluminum **sow dryers/ preheaters** are available in two versions; a lift-off portable unit that can be moved to new plant locations with ease and a dual station, fixed location model. Both models are custom designed to fit your sow geometry and load requirements. Sow dryers provide a dry charge and the production advantages of preheating.

## SEN/ SES PREHEATERS



**SEN/ SES Preheaters**

Our **submerged entry nozzle (SEN) / submerged entry shroud (SES) preheaters** are custom designed to fit your SEN/ SES geometry and temperature requirements. These units feature cast refractory nozzle holders and include high turn down, combustion blower, controls and valve train.

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