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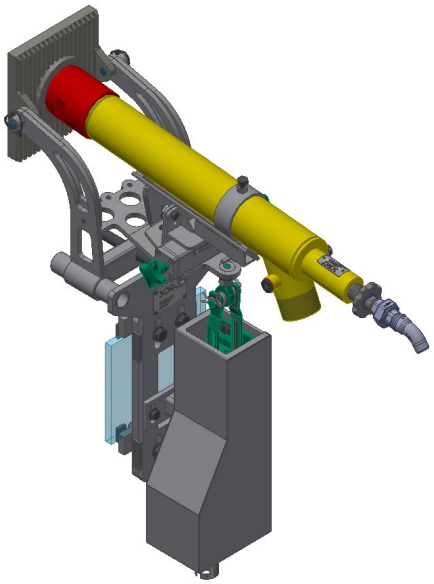

# SORG® WSH and WSM burner holders

## with integral angle adjustment

The ever increasing restrictions on furnace emissions require tightly controlled furnace operation. This particularly applies to the burner settings as these have a strong influence on emission levels. As a result, continuous monitoring of the settings is necessary coupled with adjustment of the burner angle during changes to operating conditions.

SORG has developed a new burner holder with integral angle adjustment to simplify burner set-up. Two versions of the holder are now available, and are designated **WSH** and **WSM**.

The **WSH** version features manual adjustment of the horizontal and vertical burner angles.

The **WSM** version offers manual adjustment of the horizontal angle and **motorized** adjustment of the vertical burner angle.

The **WSH** holder can be upgraded to **WSM** standard at any time by the addition of an actuator.

The vertical angular position of the WSM model can be adjusted from the control room and the actual value is displayed on the SCADA system. This allows the furnace operator to adjust the burner angle and at the same time observe the flame pattern on the furnace monitor.

Local manual adjustment is also possible with the WSM burner holder, so the operator can change the angle directly on the burner. The new setting is then also displayed in the control room.

The **WSH** and **WSM** holders can be used for the following SORG burners:

| | |
|---|---|
| gas burners | SDB 221 F2 |
| | SDB 231 F2 |
| oil burners | NL 4 |
| | NL 5 |

The new holders are also suitable for other SORG burners as well as models from other manufacturers.

**Contact us – we will be pleased to help you.**

### Benefits

- **Easy installation on existing furnace steelwork**
- **Adjustment of burner angle by hand spindles or motor (WSM)**
- **No tools required**
- **Adjustment angle displayed on holder and SCADA system (WSM)**
- **Burner sealing plate fixed to burner holder**
- **THE DECISIVE ADVANTAGE: When the burner angle is adjusted, the burner nozzle remains stationary. Readjustment of the nozzle centre is not necessary**

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