

CONFLOW TUNDISH STOPPER CONTROL

Assuring a stable steel flow for reliable casting



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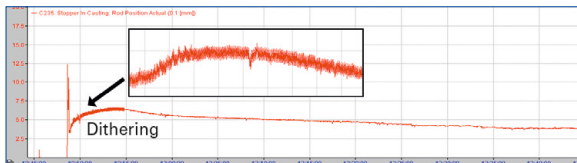
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Especially for special steel makers, consistency is vital to profitability. Precise stopper control in the tundish is where consistency begins. CONFLOW Tundish Stopper Controls assure stable and accurate steel levels in the mold, a key to product quality. With over 2000 units installed worldwide, SMS Concast's CONFLOW is the industry standard for tundish stopper controls. It's engineered for ease of use and a long, trouble-free service life.

Application

The CONFLOW stopper control box uses a brushless electromechanical drive, a very sturdy and reliable solution that is superior to slide gates or hydraulically driven stoppers.

- With its adaptable mounting points, the CONFLOW can be installed on any tundish. And it is also readily integrated into virtually any steel flow automation system
- CONFLOW's digital controls support automatic deposit monitoring and self-cleaning strokes
- Manual casting starts are easy and accurate thanks to the steering wheel for the potentiometer
- Automatic casting starts are easy and reliable thanks to CONFLOW's built-in breakout and overflow protection



Integrated Anti-Clogging Function

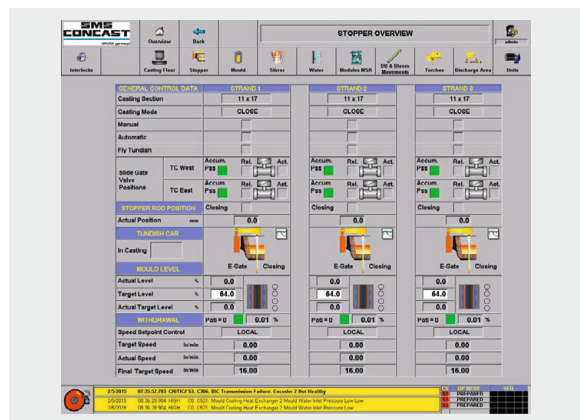
Anti-clogging is realized through stopper tip dithering. Dithering helps to prevent solidification of steel at the tundish exit and is active until the tundish has reached working temperature.

YOUR ADVANTAGES

- **Precise and stable steel flow assured** – Reliable casting thanks to CONFLOW's robust design
- **Easy integration** – A true plug-and-play stopper solution, ready for your system
- **Maintenance-free, extra long service life** – The industry standard – Over 2000 units installed worldwide!

TECHNICAL DATA

Precision	+/- 0,005 mm
Full torque (cleaning cycle)	7 Nm



CONFLOW delivers optimal flow control for every strand

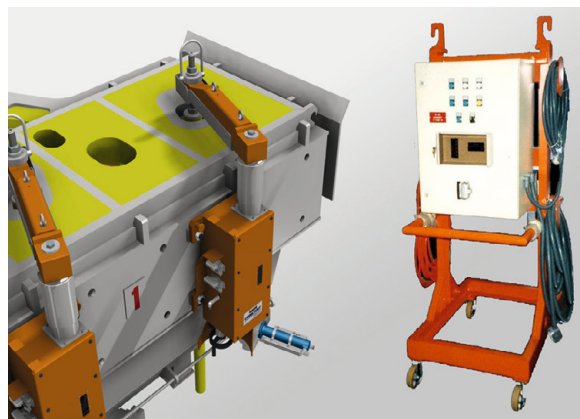
Ease of Use and Maintenance

- No hydraulics means greater reliability
- Electromechanical drive requires minimal maintenance
- Versatile mobile test stand – usable in the preparation area, the workshop, or on the casting floor – assures long-term, accurate performance

For best results

Alongwith CONFLOW, we highly recommend SMS-Concast's mold level measurement and automation systems.

Please contact us for further information.



Stopper boxes installed on tundish (left); versatile mobile test stand (right)