

W-STOP

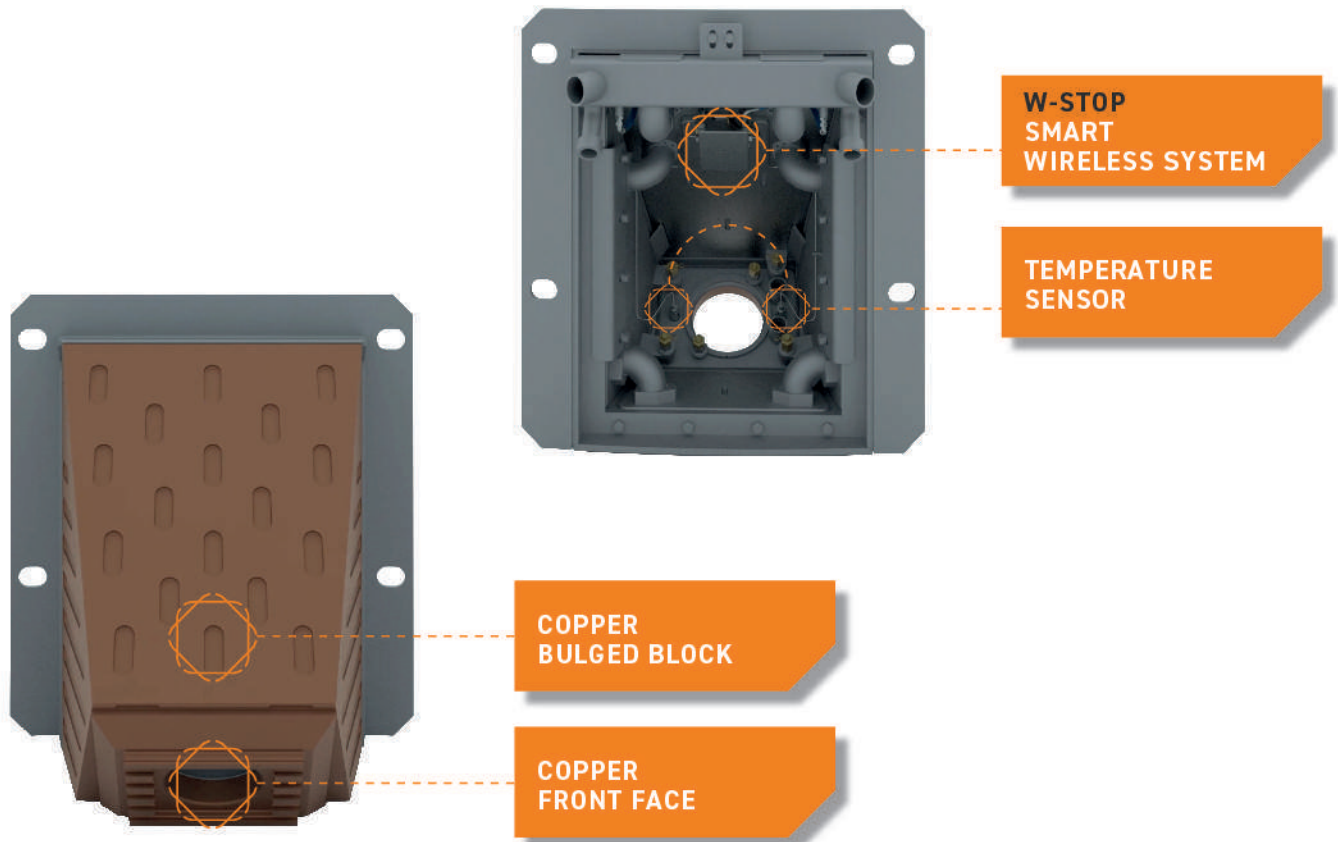
SMART WIRELESS
BACKFIRE PREVENTING
SYSTEM FOR ELECTRIC
ARC FURNACE



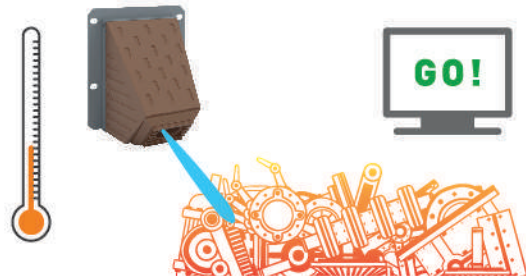
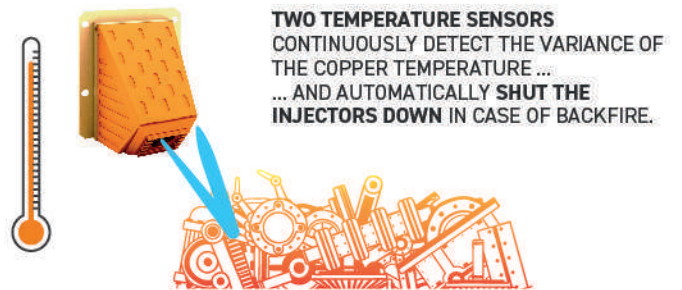
STEELMAKING **4.0**

MORE
INNOVATION IN STEELMAKING

SMART SENSOR FOR STEELMAKING 4.0

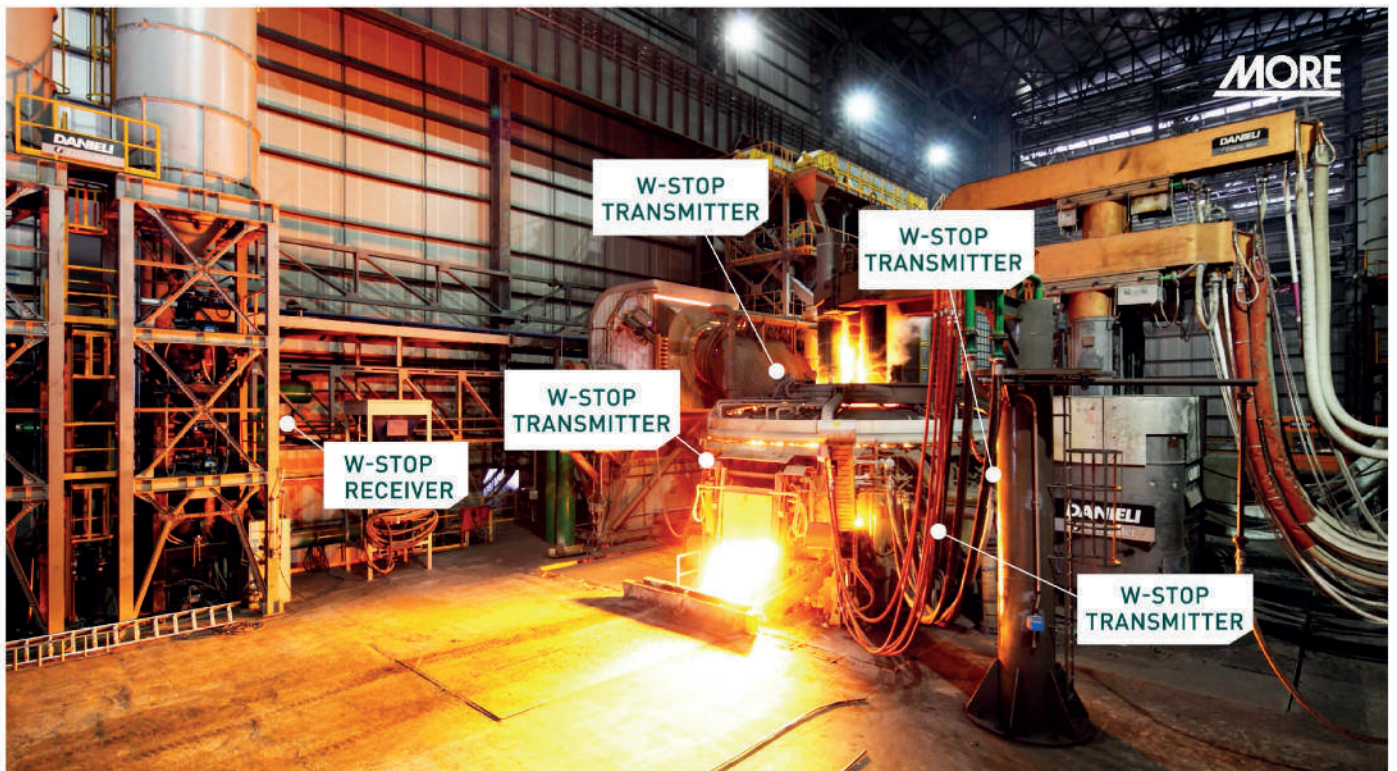
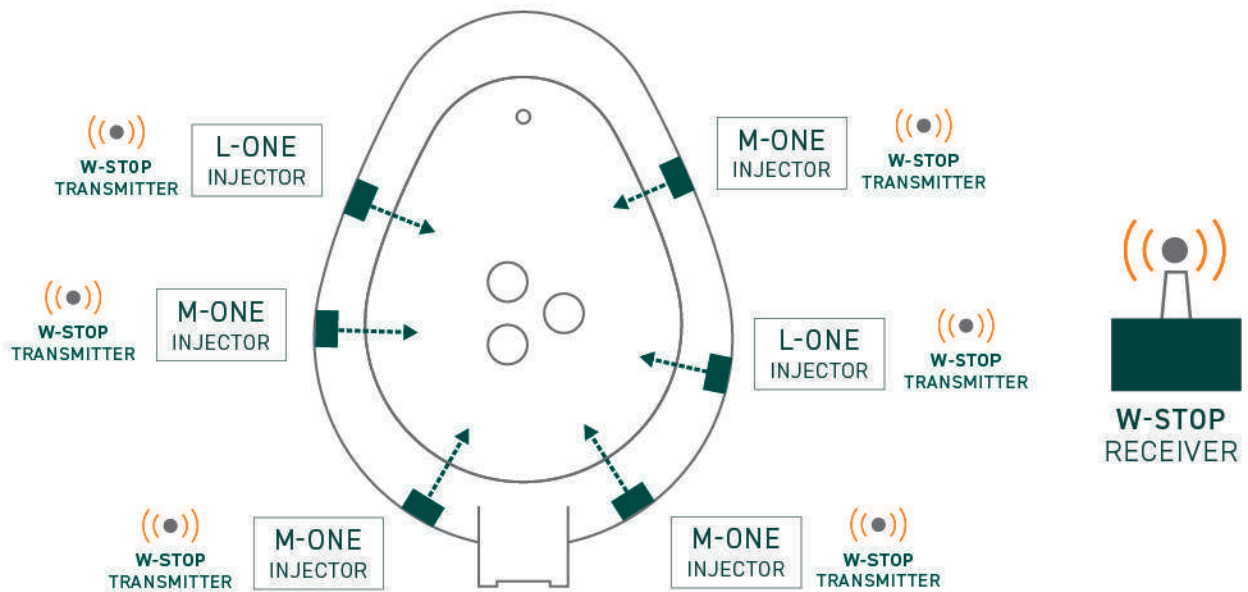


W - STOP SYSTEM OPERATION



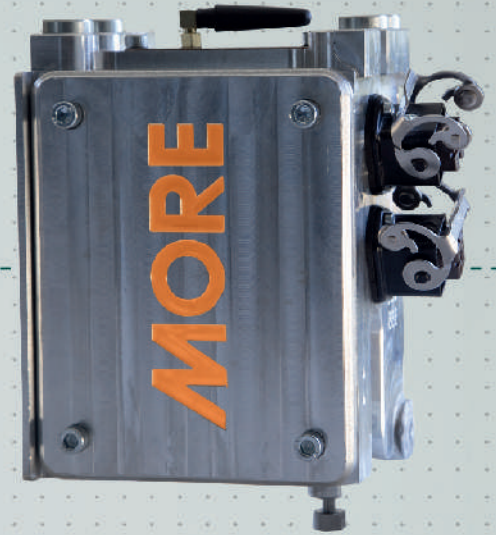
WIRELESS SIGNAL TRANSMISSION AND RECEPTION

The **W-Stop** transmitters placed next to the injectors communicate wire- less continuously with the **W-Stop** receiver to monitor the temperature of the copper front faces and auto- matically shut the injectors down in case of backfire.

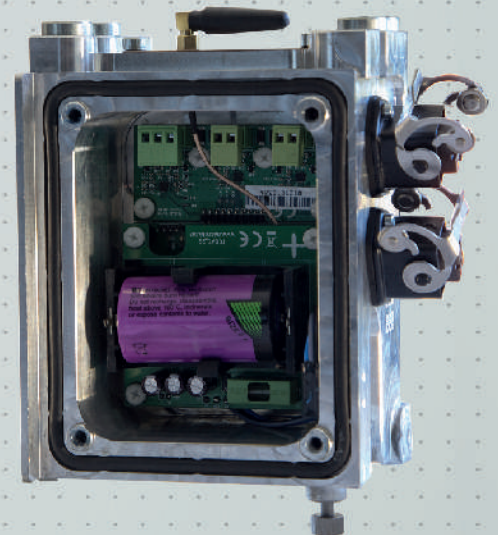


W-STOP COMPONENTS

**TRANSMITTER ELECTRONIC UNIT
AND BATTERY INSTALLED INSIDE A
HEAVY-DUTY WATERCOOLED BOX**



**EASY OPENING
TO ACCESS THE WIRING
TERMINAL CONNECTOR AND BATTERY**



**MAXIMIZATION OF BATTERY LIFE
BY A PROPRIETARY LOGIC INTEGRATED
IN THE TRANSMITTER UNIT**

FEATURES



**ELIMINATED
WIRING AND CABLING**



**INCREASED LIFE TIME OF
INJECTOR TIPS, COPPER BLOCKS AND
WATER COOLED PANELS**

**RECEIVER UNIT
FOR TCP/IP INTERFACE**



**DEDICATED APP
(MS WINDOWS, IOS AND ANDROID)
TO CONFIGURE THE W-STOP SYSTEM**



**ADDED SAFETY BY REDUCING
WATER LEAKAGES
INSIDE THE EAF**



**REDUCED OPEX
COSTS**



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