
MIXED SWIRLED FLAME

MSF BURNER TECHNOLOGY

MIXED SWIRLED FLAME

MSF BURNER TECHNOLOGY

All **MORE** injectors work as highly efficient oxyfuel burners for heating and assisting melting of scrap after each scrap bucket charge.

The flame makes use of the innovative MIXED SWIRLED TECHNOLOGY (MSF).

A specific research project has been performed to improve combustion and heat transfer efficiency to the scrap surface. The particular burner tip design dramatically improves the mixing of reactants and prevents the generation of a cold flame.



EXTREMELY
HIGH FLAME
TEMPERATURE



IMPROVED HEAT
EXCHANGE WITH
SCRAP PILE



OPTIMUM MIXING
OF GASSES
AND COMBUSTION

MIXED SWIRLED FLAME



Stable and hot flame close to the injector tip.

TRADITIONAL AXIAL DIFFUSION FLAME



Blue colored flame due to the poor mixing of oxygen and natural gas.



MORE S.r.l 33013 Gemona del Friuli (UD) Italy
T +39 0432 973511 **F** +39 0432 970676
Email: info@more-oxy.com www.more-oxy.com