CASTING AND ROLLING MILL TECHNOLOGY

OTHER NOZZLE AND SYSTEM APPLICATIONS

Coke ovens
Coke quenching
Liquor flushing in the coke oven
Cleaning the coke oven battery doors
Gas cleaning and droplet separators

Blast furnaces and sintering plants
Combating dust and dust deposits on conveyor belts and transfer points
External wall cooling
Gas cleaning - gas cooling
Gas cleaning in the slag granulation

Steel production
Electric furnace hood cooling
Electrode cooling
Cooling the outer skin of the converter
Exhaust gas cooling and conditioning
Dust suppression

Continuous casting machines
Flushing the scale channels
Spraying off the slag during flame cutting
Roller cooling
Machine cooling
Mould spray cooling

Hot rolling
Settlement of oxide dusts in the stand
Intermediate stand cooling
Strip surface quenching to protect the work rolls
Strip spray-off and blow-off
Blowing off heavy plates upstream of the levelling machine
Crop shears blade cooling in pendulum shears
Ultra fast cooling / quenching of plates and strips
Strip cooling in the run-out roller table
Rolled product cooling on the cooling bed

Forging and pipe production
Mandrel bar and tow bar cooling and lubrication
Descaling forged pieces
Roll cooling in railway wheel manufacture

Other applications
Gear lubrication
Pickling and flushing steel wire in pickling plants

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