

Oxide dust is generated during the hot rolling process. The largest dust problem is normally on the last 3 to 4 finishing stands, due to strip temperature and speed at those locations.

The dust escapes into the air, which covers all equipment with conductive dust. This can make for a hazardous work environment.

The Oxide Dust Control System generates a controlled mist, which is directed at the precise area where the dust is generated.

By creating a "mist shield" which isolates and captures the dust, there is a dramatic and almost complete reduction of dust into the surrounding air.

Controlled mist (captures and stops oxide dust)

Travel Direction

Connection Hoses (May be supplied if desired)

Fully diffused Dual-chamber Mixing manifold (typ. top & bottom)

Mixer Assembly
Spray Nozzle Assembly
Upper Stripper (Existing)

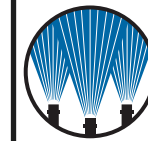
Oxide nozzles are plug-in for easy maintenance or replacement

Controlled air / water connections (typ.)

Top Stripper Plate
Bottom Stripper Plate
Headers and spray (Strip Delivery view)

Lower Stripper (existing)
Spray Nozzle Assembly
Mixer Assembly

DESCRIPTION:
**OXIDE DUST SUPPRESSION
CONCEPT SYSTEM LAYOUT
FOR HOT MILLS / PLATE MILLS**



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Ref.

Application Drawing No.
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