

# Process Water Solutions for the Steel Industry

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Water plays a tremendous role in the steel making process, whether acting as a descaling agent that removes oxidation and other surface impurities or acting as a coolant that regulates the steel's temperature. With today's ever increasing need for efficiency and conservation it is crucial that the process be streamlined. Piping, valves, nozzles and pumps all need to be protected from the impurities in water to prolong the life of your equipment and minimize downtime, saving you time and money.

Schroeder offers state of the art water and process filtration solutions for the steel making process. Our experience ensures that our customers have the right solution, in terms of quality and efficiency in this incredibly competitive industry.

## RF3



- Fully Automatic operation with flows up to 33,000 gpm
- Uninterrupted flow during filtration down to 25  $\mu$
- Superior self-cleaning functionality
- No consumable parts such as elements
- Low pressure drop
- Virtually maintenance free
- Low Operating Costs

## Automatic Twist Flow Strainer



- Can handle extremely high solids loading
- Fully Automatic operation with flows up to 1,760 gpm
- Uninterrupted flow during filtration down to 200  $\mu$
- Superior self-cleaning functionality
- No consumable parts such as elements
- Low pressure drop
- Virtually maintenance free

## Schroeder has experience in the following applications within the Steel Industry:

- High Pressure Descaling
- Cooling Water
- Cleaning Water
- Make up Water
- Blast Furnace Circulation
- Process Water
- Intake Water
- Boiler Feed
- Heat Exchanger Protection
- Rolling Emulsion

**Schroeder has a full line of filtration products** including cartridge filters, rolling media filters, nozzle protection filters, and replacement media to compliment our RF3 and ATF Filters. Whatever your filtration need, Schroeder has a solution- hydraulic, oil lube or water!



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**Schroeder**  
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Advanced Fluid Conditioning Solutions™

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