



NEED EFFICIENT COOLING ON RUNOUT TABLES? CHOOSE FROM THESE COST-EFFECTIVE SOLUTIONS

Our Laminar Flow Header with VeeJet® spray nozzles produces a rod-like column of water that has proven superior to conventional U-tube nozzle cooling. And with operating pressures as low as 0.9 psi (0.06 bar), laminar cooling uses water more effectively. At these low pressures, less water is used, runout tables can be shortened and cost-savings on piping can result.

A long, smooth approach ensures nozzle inlets are always high in the water manifold. Since the entire header doesn't have to fill or drain to interrupt the flow pattern, header sequencing is much easier and more precise. Also, lag time is greatly reduced.

The flow header also features an internal baffle plate that allows for precise flow distribution across the header without sizing. This simplifies maintenance and replacement.

Solid stream VeeJet nozzles are used on the flow header and feature recessed orifices that remain in adjustment to ensure even flow and minimal maintenance time.

Another option is our slit-style laminar flow header. It produces a curtain-like sheet of water. The even distribution of water provided by the header ensures consistent sheet cooling and helps minimize cracking and other defects. The slit-design is clog resistant and eliminates the need for maintaining or replacing nozzles. In the event of a shut down, after water has had time to settle, the slit-type laminar flow header can be started up again without the worry of plugged nozzles. This eliminates the checking of nozzles before startup and saves time for mill personnel.

Specifications:

- Types: Top and bottom
- Materials – Headers: Hot rolled steel; Nozzles: brass
- Capacities: 300 to 1800 gpm (1136 to 6813 l/min) at pressure less than 4 psi (0.3 bar)

