Application:
The breast roll supports the fourdrinier wire at the headbox end of the paper machine. Both the breast roll and machine wire tend to accumulate stock fiber. A series of showers serve to clean fiber buildup, improving drainage and runability of the paper machine. Accurately controlled water temperature is crucial to this application.

Breast Roll Shower
Process Conditions
- White Water Flow Rate: 200 GPM
- Temperature Rise: 50°F
- Discharge Temperature: 130°F
- Steam Pressure: 160 PSIG
- Water Pressure: 70 PSIG
- Steam Flow: 4,300 lbs./hr.

Solution
Pick Model 6X50-3 Constant Flow Heater 316 stainless steel construction, with 3” flanged water connections.

Wire Showers
Process Conditions
- White Water Flow Rate: 350-500 GPM
- Temperature Rise: 60°F
- Discharge Temperature: 120°F
- Steam Pressure: 100 PSIG
- Water Pressure: 60 PSIG
- Steam Flow: 9,030 - 12,900 lbs./hr.

Solution
Pick Model 6X150-3 Constant Flow Heater 316 stainless steel construction, with 4” flanged water connections.

Learn more at www.pickheaters.com
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