

Cleaning Systems

Johnston Dandy manufactures complete dandy roll cleaning systems incorporating oscillating needle jet water showers with steam and air when required. We utilize anti-plug needles spaced to provide better than double coverage. Oscillation is provided by hydraulics or electromechanical works, and a fan air shower contributes to the cleaning of the rolls as well as dewatering the dandy before it is introduced to the web. Steam at the outgoing nip facilitates easy release of the sheet from the dandy.

Bearing Journals

All large-diameter bearing-mount dandy rolls feature bolt-on journals, available in T-316 SS or corrosion resistant cast bronze. Repair and maintenance are easy with our removable journal feature, and journals are interchangeable from roll to roll.

Drives

We supply the most state-of-the-art, fully engineered drive systems for new dandy assemblies. Dandys can be direct driven, timing belt or V-belt.

Bearings & Housings

Johnston incorporates anti-friction bearings designed for smooth and dependable service. Our housings are constructed with double labyrinth seals to ensure long bearing life in the severe environment at the wet end of the paper machine.

Coverings

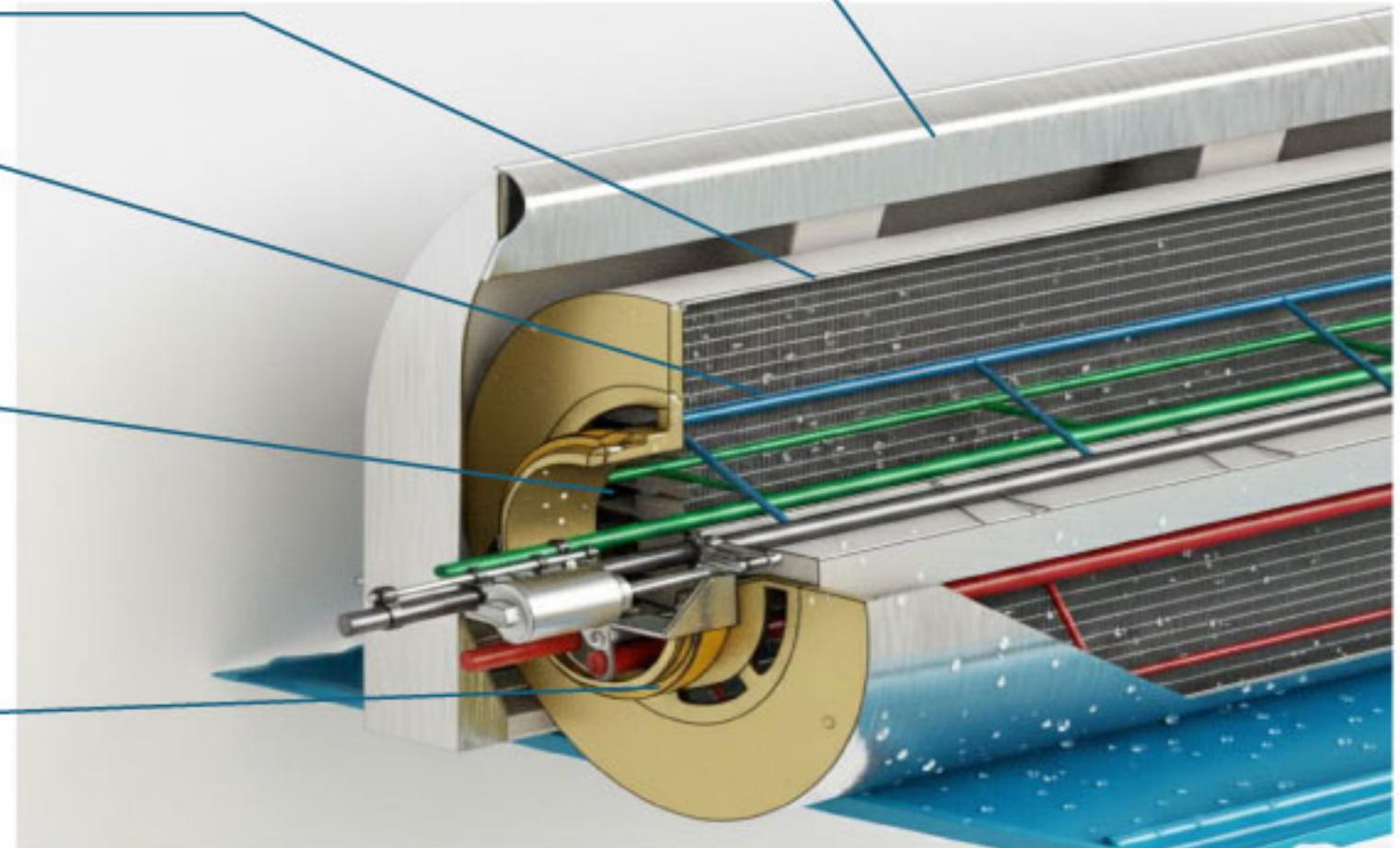
Johnston Dandy dandy roll covers are available in T-316L SS, T-317 SS, monel and bronze with various weaves and wire diameters. Each application is carefully considered to provide the best mesh covering for your needs. Our covers are helically seamed by highly skilled seamers, using high strength gold and silver brazing alloys. Once properly tensioned, covers are attached to the dandy head using tin/silver solder to ensure durability in the most severe applications.

External Saveall Pans

Johnston's all T-316 SS external dandy roll saveall pans are contoured around the dandy to contain as much mist as possible. Our pans feature internal turbulence baffles, steam heated lower chamber, and screw adjustments to vary the distance of the pan from the dandy face. Our extra deep well allows the use of an air shower when applicable.

The Dandy Frame

Johnston's all welded T-316 SS frames are designed with the most open construction available, allowing for easy cleaning during operation. Our streamlined construction, achieved without compromising structural integrity, reduces paddle-wheel effect of the cross bars, thereby reducing water throw from the dandy.



Dandy Stands

All Johnston Dandy Roll Stands are custom engineered to fit existing machine rails and meet the customer's specific requirements. Our Stands are available in both T-316 SS and corrosion resistant bronze. They are built for trunnion, spindle-style or bearing mount dandy rolls. Our stands are designed for quick removal of the dandy from the machine and they feature pneumatic air lifts to raise and lower the dandy, and fine adjustment screws with depth indicator scales to aid the operator in setting the dandy in the web.