

VJ-300 Vacuum Jet Dehydrator and DT-100 Oil & Water Separator with WS1 Water Sensor Installation at Inland Paper, Rome, Georgia

OILPURESYSTEMS
The Machine Reliability Company

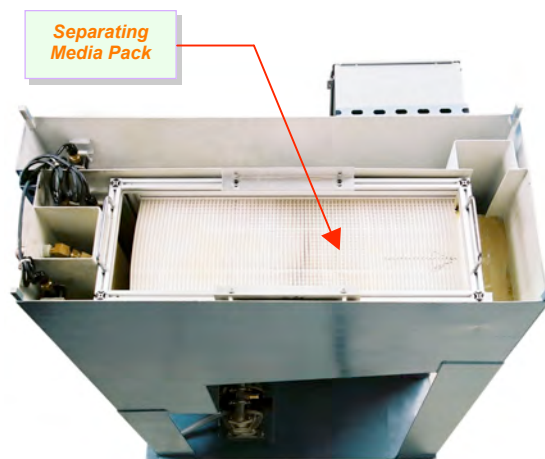
Paper Mill



ENP Paper Machine



DT-100 separates **30% of free water** from ENP paper machine that free water constantly ingress into the lubricating system.



Separating Media Pack

DT-100 Oil & Water Separator

VJ-300 Vacuum Jet Dehydrator



WS1 Water Sensor Controller



Water sensor works like an ultra-sound device to detect free water.

WS1 Sensor Port for Free Water Detection

Solenoid Valve for Water Drainage



VJ-300 removes **2% of excessive dissolved water** from gear lube oil in paper machine that having **10,000 gal of oil reservoir** size. Excessive water damages bearing and lubricated parts that **cause major paper machine breakdowns**.

DT-100 contains special design polypropylene media pack having over **320 square foot of surface area** for excellent water separation.

Bio-filtration in media pack creates the balance of micro organism in the settled waste water.

Secondary **baffle tank** in DT-100 helps improve more efficiency of water separation.