



Total Roll Management

Reliable roll service expertise that lets you focus on production

Voith Paper has introduced the Total Roll Management service to bring mill operators peace of mind when it comes to the maintenance, upkeep and regular management of paper machine rolls. With this service, we use our expertise and tools to keep rolls running efficiently all while keeping the mill management apprised of the roll operation's latest data courtesy of our roll monitoring systems.

With Total Roll Management (TRM), Voith Paper oversees the maintenance, management and tracking of a mill's rolls, allowing operators to focus entirely on their production goals. This service provides the stability and expertise to manage every aspect of a mill's rolls, eliminating the struggle to train and retain an experienced and expensive internal roll management team. As a result, the mill staff can be more focused on day-to-day production while Voith Paper handles all of the key roll service duties.

Total Roll Management services

- Roll covers
- Mechanical roll services
- Roll grinding
- Roll upgrades
- Replacement rolls
- Roll recordkeeping
- Roll transportation
- Two key contacts: one at the mill, one at Voith Paper
- All services performed in North America – no service outsourcing



Voith Paper uses TRM to create a central authority on the rolls at the mills that set up this service. Each Voith Paper contact regularly monitors roll and roll cover use, plans maintenance, and, as needed, schedules roll and roll cover replacement. With Total Roll Management, Voith Paper assumes the role of the in-house expert roll technician, giving a mill two key contacts for all roll needs – one that regularly visits the mill, and another based at the nearest Voith Paper facility.

Services

TRM services encompass nearly all roll maintenance needs including:

- **Journal repairs** – electroplating, arc applied materials, sleeving, replacement, grinding
- **Head fit repairs** – arc applied, sleeving, grinding
- **Bearings** – inspection, replacement
- **Grinding** – roll covers and metal for all types of rolls
- **Cooling system** – installation, repair
- **Balancing** – static, dynamic
- **Dynamic testing** – static, hydraulic
- **Blasting and painting**
- **Honing**
- **Professional NDT Services**
- **Fabrication** – dummy heads, rope sheaves, etc.
- **Schedule management via PMportal** – Roll record keeping, tracking
- **Access to new Voith Paper roll technology as it becomes available**

Roll cover catalog

Our covers and roll services are designed to maximize performance and reliability:

- **Polyurethane** – Used to increase dewatering
- **Rubber** – Reliable covers for the entire machine
- **Composite** – For high-wear and high-temperature use
- **Thermal coating** – For high-wear positions

Repair services

If rolls break down, Voith Paper will be there to get the machine back on line. Repair offerings include:

- **Rolls of all types**
- **Rolls from any manufacturer**
- **Fit repairs**
- **Hydraulic testing & repair**
- **Suction box reconditioning**
- **Roll upgrades**
- **NDT testing**
- **Vibration analysis**
- **Balancing**

Repair services

Our TRM teams are based regionally from these North American locations, which offer 24-7 service, 365 days a year:

- **Austell, GA (USA)** Tel +1 770 948 8086
- **Hawkesbury, ON (Canada)** Tel +1 613 632 4163
- **Neenah, WI (USA)** Tel +1 920 722 7713
- **Springfield, OR (USA)** Tel +1 541 726 5014
- **West Monroe, LA (USA)** Tel +1 318 387 1801

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