

# TDRC-SA/A Web Cleaners

## The world's only automated, full contact-transfer web cleaners

Tekena's TDRC-SA/A is the world's only semi or wholly automated, full contact/transfer web cleaner. Features include a static reducing pick-up roller which contains no silicone and removes particles from the web down to sub-micron sizes (nanoparticles). The contamination removed from the web is transferred to a high capacity storage roll. The storage roll is periodically cleaned (the cleaning frequency is user adjustable depending on application parameters) by an automated or semi-automated wipe system which requires minimal operator intervention and no line stop (continuous cleaning). The automated storage roll cleaning system reduces the importance of operator access to the unit and improves line/process integration for safer, easier and more effective performance.

By removing the need for adhesive rolls the TDRC-A eliminates vibration, paper dust, the loss of cleaning in the gap between 2 adhesive rolls butted together (on units wider than 1500mm) and the need for air shafts to mount the adhesive rolls which must be removed, deflated, reinstalled and reinflated each time a new adhesive roll is fitted. By removing high tack adhesive from the system, the TDRC-A maintains ultra low separation force between its precision rollers to minimize the tension added to the web. This makes the TDRC-SA/A ideal for all film and plastic webs but particularly suited to thin films.



Fully automated storage roll cleaning/regeneration system

**Storage roll** - Non-silicone, high capacity, ultra-low friction, no vibration

**Pick-up roll** - Electro-static dissipating, no silicone, nanoparticle cleaning

**TDRC-A:** The best web cleaning performance available

- Full Contact/Transfer cleaning system: Single or Double-Sided
- Removes contamination from the substrate down to nanoparticulate levels
- Fully or semi-automated cleaning & regeneration: No operator intervention, no adhesive rolls, no line stop
- Proprietary ESD cleaning rollers (Electro-Static Dissipating) and hi-capacity storage rollers: No silicone
- Gapless cleaning on 60"+ webs: No loss of cleaning performance from having 2 x adhesive rolls butted together.
- Optional cabinet/guard: Anti-static acrylic with aluminum frame
- Optional active static elimination system
- Available in a wide variety of cleaning widths to suit most applications
- Vibration free operation at very high line speeds in excess of 2,000ft/min

PARTICLE REMOVAL SOLUTIONS

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