



# Brakes & Clutches

Designed for the unwinding and rewinding of rolls of any size and material. Renova brakes fit any kind of application and maintain constant web tension throughout the whole corrugating process.

## TURBOREX

Turborex is the only brake on the market with a multidisc system and a double fan ventilation. This patented system reduces the operating temperatures and guarantees 42,000 working hours under extreme conditions (\*300 mt/min, 24 hours. 5-years maintenance free).

Benefitting from the lower temperatures, the web tension control is improved at any line speed, and both pad wear and pollution are drastically reduced.

- Torque range from 0-400 daNm
- Power dissipation of up to 12 kW
- Available in five models
- 100% interchangeable with all existing brakes

## TURBOREX SELEMATIC

The Turborex Selematic brake presents a revolutionary system that automatically finds and applies the necessary torque to multiple discs. This function is continuous throughout the production cycle and eliminates the need for manual adjustments thus ensuring maximum sensitivity.

- Torque range extended to 1:500
- Precision and accuracy in tension control
- Emergency stop always available
- Available in four models

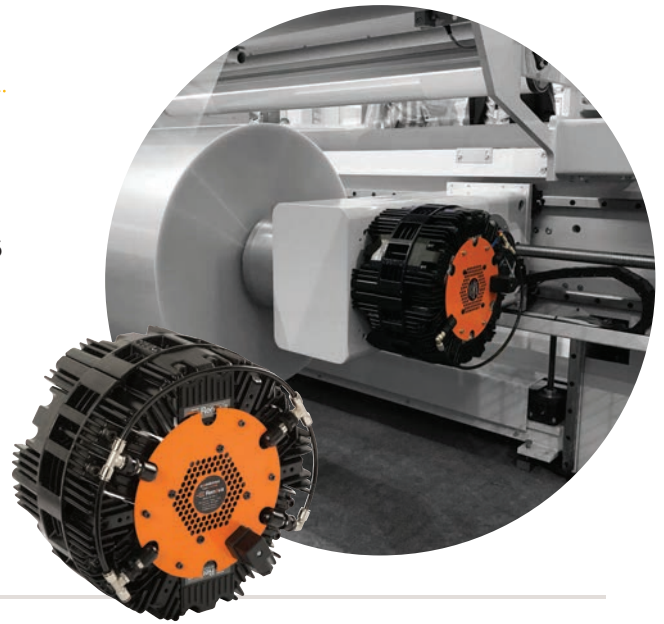


## COMBIREX

Combirex CX250 is a mono-disc, multi-caliper, air-cooled brake that reaches a maximum torque of 960 Nm and a power dissipation of 3kW.

The CX model utilises a 250mm disc and is available with up to 6 calipers.

- Torque ratio for each caliper: 0.15-0.16 daNm
- Air pressure: 0.2-6 bar
- Thermal power: 3kw at 100 RPM
- Maintenance max RPM: 2500



## POWDEREX

Powderex magnetic powder brakes are designed to work in a continuous scroll to apply tension to the most variable corrugating applications. Ideal for unwinders, due to the high quality and durability of the friction material, the magnetic powder brake covers a wide range offering solutions to all drive problems requiring torque between 12 Nm and 250 Nm.

- High sensitivity
- Low residual torque
- Finely adjustable torque range with a card supplied by Renova



## SIMPLEX

Simplex caliper brakes are available in a wide range including manual, pneumatic and hydraulic versions. A failsafe version is also available (spring applied).

- Braking force from 150 to 40,000 N
- Linings wear compensation system
- Inclined mounting kit
- Pads self-alignment system

Options include:

- Linings wear indicator
- On/off indicator
- SG iron discs

