

Problem:

Unwinding rolls of fabric for further processing during range operation

Solution:

Menzel Unwind Cradle

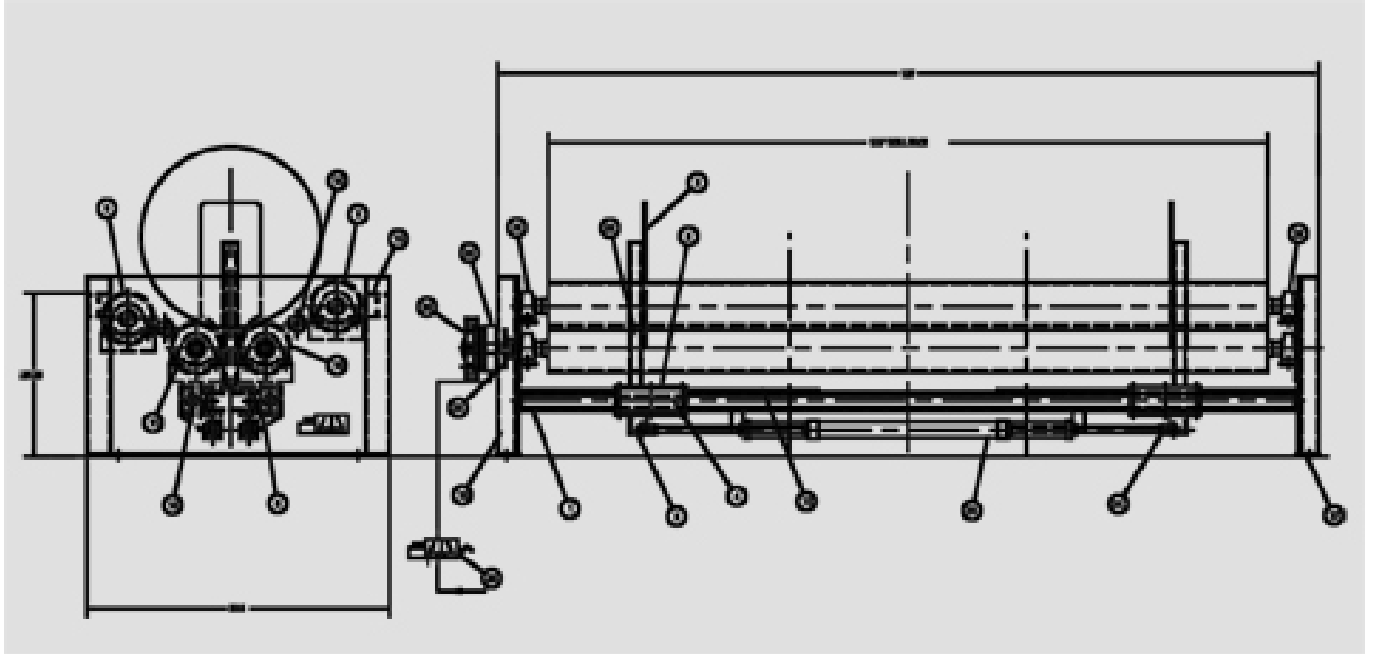
When the application calls for surface unwinding, the Menzel Unwind Cradle offers an efficient, easy loading method of unwinding webs in a continuous range operation.

The Menzel Unwind Cradle is manufactured in two versions-medium-duty for lighter weight fabrics and rolls up to 24 in diameter and heavy-duty for heavier weight fabrics and rolls up to 40 in diameter. Both units are built to handle a variety of webs and applications.



Standard Features:

- Heavy-duty steel side plates with rigid cross bracing for 24-hour a day operation.
- Adjustable guide plates to accommodate a variety of roll widths.
- Four 6 (medium-duty) or four 8 (heavy-duty) steel rollers with pillow block bearings for years of trouble-free service.
- Sheet metal enclosure for drive and shaft extension.



Optional Features:

- Chain and sprocket drive for connecting bottom two rollers to an extended shaft for drive or brake.
- Motorized adjustable guide plates.

- Air clutch on extended shaft to disengage drive during start-up.
- Stainless steel rolls for wet applications. Pneumatic brake to stop cradle rolls at machine stop.
- Roll storage table with pneumatic gate for ease of loading.
- Adjustable speed drive with linear acceleration/deceleration, isolation transformer and control station.
- Guidance system with photo-electric sensor and hydraulic actuator to keep web straight during winding process.

