

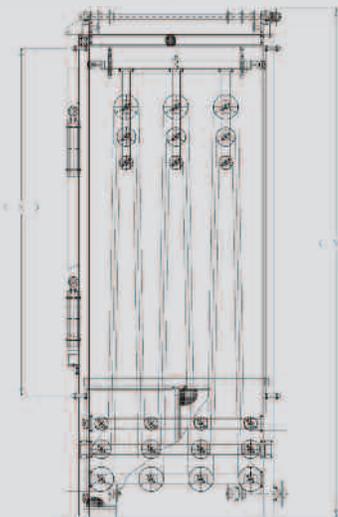
Nested Accumulator



The all new **Reichel & Drews NA3000** nested accumulator can be used both as a splice accumulator for reinforcement and as a finished product accumulator.

Nested Accumulator

The NA3000 is available in three configuration styles. NA3000x1 has 1 upper set and 2 lower sets of rollers, NA3000x3 has 3 upper sets and 4 lower sets of rollers, and the NA3000x5 which has a greater accumulation capacity with 5 upper sets and 6 lower sets of rollers. Each roller set in the NA3000 consists of 3 rolls, 200, 250, and 300mm in diameter. This configuration allows for maximum storage capacity of material in the minimum amount of space.

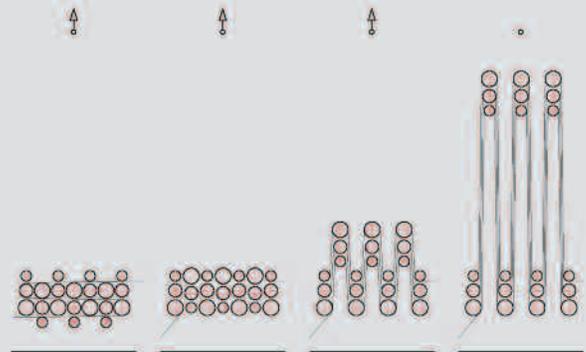


NA3000x3 Capacity Chart

Accumulation Capacity (m)	Carriage Travel (mm)	Total Height (mm)
35	2000	4325
54	3000	5325
72	4000	6325
90	5000	7325
108	6000	8325
126	7000	9325
144	8000	10325

The bottom sets of rollers are fixed while the top sets are attached to a counterweighted floating carriage. The counterweight is used only to balance the weight of the carriage and not to maintain tension in the sheet of material being accumulated.

A programmable electronic counterweight balancing system insures constant and controllable tension of the membrane or reinforcement thus reducing stretch and the possibility of sheet breaks. This allows for products of various weight and thickness to be accumulated at a constant predetermined tension. The weight of the different accumulated materials is balanced by motor torque adjustment. The torque is adjusted in such a way that the sheet of material is always uniformly drawn.



Thread-Up Diagram

When the floating carriage is in the lower position, the upper set of rollers is positioned such that the sheet of material can be drawn-in horizontally. This configuration allows for easy thread up of the material.

The upper carriage is guided by V-shaped guide rollers (right) with eccentrically adjustable ball bearings.



The machine frame is fabricated from high-quality square steel tubing for maximum stability and both active and passive guarding is utilized to protect the operator.



A pneumatic safety disk brake engages in the event of a chain break or if the maximum lifting or lowering speed of the carriage is exceeded.