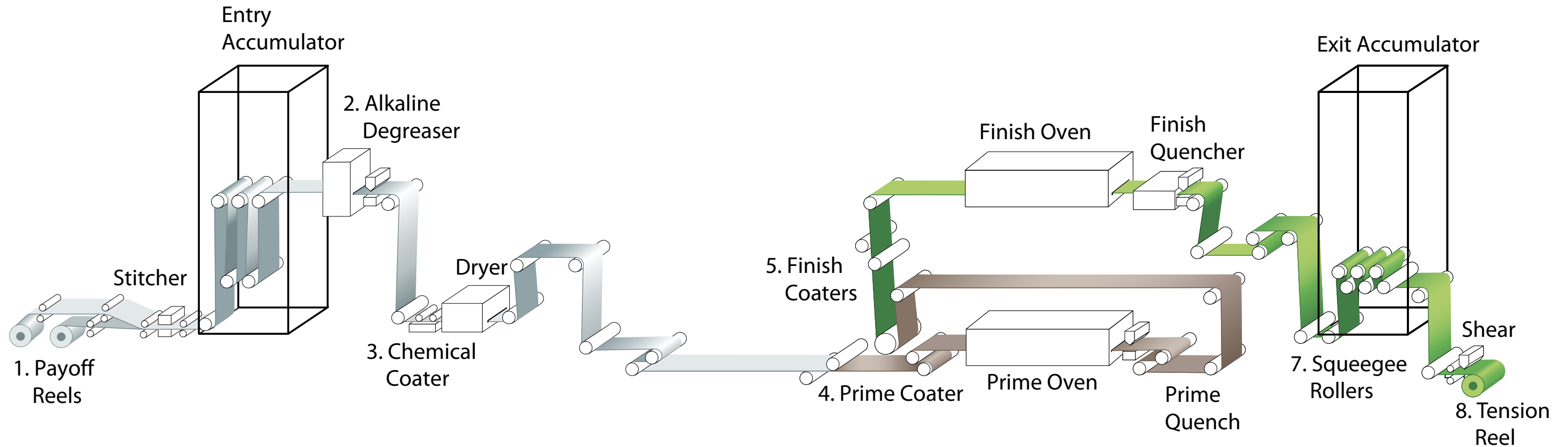


Paint Coating Line

Manufacturer of the Paint Line: Durmech



- 1) The coil is fed into the process from one of two payoff reels. The stitcher joins the two ends together, and the steel enters the first accumulator tower.
- 2) The steel is cleaned, rinsed and dried.
- 3) The chemical coater applies a roll-on pre-treatment, the initial coating under the paint systems. A drying oven cures the pre-treatment.
- 4) Rollers apply a prime coat to both sides of the steel band. That coat is then cured in the prime oven. The steel comes out of the prime oven and travels back through a water quench and squeegee rolls to the finish coaters.
- 5) The finish coaters apply the final coat of paint, which is then cured by the finish oven.
- 6) The painted steel moves from the finish oven into the water quench, where water cools it to room temperature.
- 7) Rollers squeegee off the excess water, then the steel goes into the exit accumulator.
- 8) From the exit accumulator, the painted steel is re-coiled on the tension reel and sent for packaging