

Stepfoil™ Technology

Applications

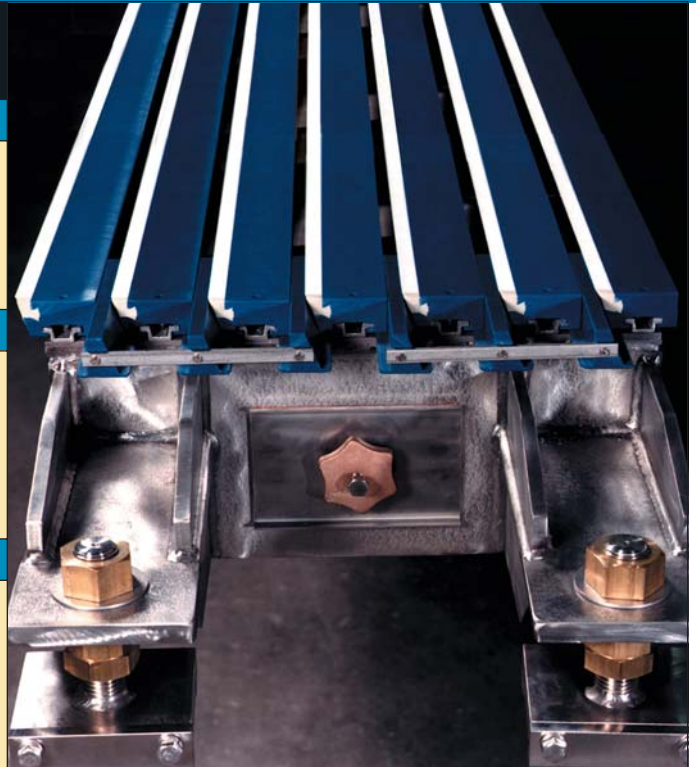
Stepfoil and low vacuum boxes can be applied effectively on all paper grades. Sheet consolidation with minimal sheet disruption is critical while minimizing drag load and optimizing retention.

Features

- ▶ Stepfoil or conventional blade technology
- ▶ Step depth controls vacuum pulse
- ▶ Controlled forming fabric deflection
- ▶ Polyethylene or ceramic blade materials

Benefits

- ▶ Dewateres sheet without disrupting formation
- ▶ Allows management of drainage volume
- ▶ Reduces drag load
- ▶ Sheet consistency control before top-wire units



Kadant AES knows that applying and controlling low vacuum equipment in the "Consolidation Zone" of the fourdrinier is critical in final sheet formation and drag load. We believe that Stepfoil Technology offers the best combination of sheet drainage, micro-turbulence, and minimal drag compared to other low vacuum blade technology.

