AIR CUSHIONED FLOWBOXES

- PROVEN HYDRAULIC FLOW PRINCIPLE
- EVEN CROSS MACHINE INLET DISTRIBUTION
- STABLE FLOW THROUGH BOX AT CORRECT VELOCITIES

- LOW ANGLE CONVERGING SLICE DISCHARGE
- CROSS MACHINE PROFILE ADJUSTMENT

- DESIGNED FOR ALL WIDTHS AND SPEEDS
- SUITABLE FOR ALL BASIS WEIGHTS AND MOST GRADES

HOLDER PAMAC
STANDARD FEATURES
- Tapered header distribution system with tube bank distributor and dissipating roll
- Uniform static pressure across machine
- Tubebank design ensures coalescence of individual tube discharge into stilling area
- Uniform distribution with no settling or flocculation problems
- Rectifier roll to dissipate jets from tube bank
- Manual control valve in recirculation line
- Built in window and integral lights provide excellent internal illumination

Also included in our standard supply:
- Rectifier roll drive units
- Access ladder and cross machine platform
- Full control equipment

SLICE
- Comprehensive adjusting gear locates top slice relative to bottom lip edge to suit machine speed optimum conditions
- Smooth acceleration of flow from pond to machine speed
- Flexible top slice lip for profiling and cross machine basis weight adjustment by micro screw jacks
- Flocculation tendencies

POND
- Second rectifier roll stabilises flow before slice
- Pond level always remains constant
- Pressure is air cushioned
DESIGNED WITH EASY ACCESS FOR THOROUGH INTERNAL CLEANING

- Good operator accessibility
- Tapered header swings away – flowbox top lifts – all actuated by mechanical screw jacks
- Ideal for multi-grades, weights and colours where cleanliness is vital

SIMPLE CONTROLS

- Reliable and proven control systems
- Jet velocity and pond level independently controlled either under pressure only or pressure/ vacuum operation
- Constant pond depth maintained under all production conditions to optimise rectifier roll action
- Electronic total head control via either variable speed fan pump drive or constant speed fan pump drive with thin stock control valve
- All flowboxes are suitable for conversion to automatic computer controlled top slice lip profile adjustment
HOLDER PAMAC

Air cushioned flowbox

- Simple installation – all flowboxes are fully shop assembled and shipped for single unit fixing where possible and onto existing foundations
- All external surfaces are finished in stainless steel
- All stainless steel in contact with stock is supplied in 316 quality – pondsides are solid 316 stainless steel
- HOLDER PAMAC air cushioned flowboxes – custom designed by experienced paper machine engineers and built by the finest craftsmen in our own workshops

TO OPTIMISE PERFORMANCE OF THE FLOWBOX OPERATION, HOLDER PAMAC SPECIALISTS WILL REVIEW YOUR OVERALL STOCK APPROACH SYSTEM AND CONFIRM ITS SUITABILITY FOR A QUALITY APPLICATION.