

(1) **THORESON-McCOSH MODEL HRB-14 WEIGH SCALE BATCH BLENDER**

**COMPLETE WITH THE FOLLOWING FEATURES**

- Maximum capacity up to **150#/hr.** based on 2 major and 2 minor
- 4 – component discharge pinch valves (any combination)
- HRB series high resolution blending microprocessor control. The HRB series microprocessor control complete with an LCD color touch screen is designed with the most up-to-date technology to enhance productivity and quality.
- Color coded I.D. touch buttons for easy and familiar recognition
- Simple random selection for all data input
- Quick start sequence; enter material ratio in % (regrind, color & additive) press start.
- The HRB automatically calculates and maintains 100% formula ratio of virgin, regrind and additive materials
- Dual batching modes, A) minor ingredients ratio based on virgin materials only, B) minor ingredients of the complete batch.
- Ability to adjust all ingredients on the fly. Interrupting the cycle is not required
- SAVE and RETRIEVE formulas in a simple and easy sequence
- 100 recipe local memory
- Continuous graphic display of running recipe, target weights deviation, process rate and batches proceed, provides visual indication of each unit operating condition.
- “SMART” sequence; upon depletion of regrind materials the control automatically recalculates the recipe to adjust virgin & additive materials only, maintaining the original recipe materials ratio. After a selected number of cycles (b the operator) the control will revisit the regrind materials compartment, should regrind materials be available, the control will recalculate back to the original recipe ratio including regrind materials. Should regrind materials still be unavailable, the control will continue to operate the adjusted recipe. The operator can also select the unit to alarm and terminate operation when regrind material is not available.
- “RAD” sequence upon recognizing restriction of regrind materials flow the regrind adjustable dispensing mode controls, the opening stroke of the dispensing valve allowing the restricted and/or slower flowing regrind material to dispense.
- “ARM” sequence; upon recognizing intermitting flow restriction of materials the anti-restriction mode will instruct each dispensing valve to remain fully open for a preset time, should the scale not register material in this time period the valve will rapid pulse for a pre-set time. This sequence will continue until the scale registers material has been dispensed and/or alarm and terminate operation should the flow be totally restricted.
- Mixing continuous or times
- Pre-set batch count
- Port for local printer to produce cycle batching, formulas and inventory reports.
- Efficient clean-out featuring quick removal, scale and mixing chamber.
- Stainless steel scale and mixer
- Lightweight sturdy aluminum anodized hoppers.
- All necessary safety switches and mechanical guards
- Electrics: 115/220 volts, single phase 50-60 Hz
- Floor Stand

- Blend Material evacuation box / Material pick up slots