

Comparison of Competitor M-240R vs. Milacron TrueBlend 250

| | 240R | TrueBlend 250 |
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| Throughput | Benchmark | Approximately 10% greater output. |
| Controls | Thumbwheels set material ratios. Complicated key sequences require use of operating manual and specialized training to make changes beyond ratio setting. | Intuitive touch screen control with full color graphics. All set points displayed simultaneously. Easy to set-up, use and understand. |
| Material bin selection flexibility | Bins 1 & 2 are reserved for natural and regrind. Flexibility to assign any material to any bin requires upgrade to 12 position control | Choice of any material in any bin |
| Recipe storage | Requires star functions and cryptic command codes. Most users ignore this feature because of difficulty. | Stores up to 50 recipes. Allows quick save of current set points or simple retrieval / loading by recipe name. Repeatability reduces waste. |
| Alarms / diagnostics | Cryptic alarm code shows on LED display while alarm sounds. Requires operating manual for message decryption. | Onscreen event log – retains up to 100 events. PC connection for downloading / printing reports. |
| Material leaks | Pellets leak out of the blender. Gaps in chassis plates, door and flow valves allow pellets to pile up on the floor or surrounding areas and can affect accuracy through loss of pellets that are not in the blend | No pellet leakage out of the blender. Sealed chassis and close fitting valves close off pellet escape areas. |
| Dispense valve performance | 1-way, spring return valve on additive positions. Small pellets can be driven into the gap between the discharge cylinder and outlet hole where they bind the valve and prevent return. Results in overfilling of color and additives causing waste and quality problems. Forces a shutdown. | No-stick valves. 2-way valve with tube-over-cone design with pressurized return eliminates possibility of sticking. |
| Pellet retainer plate on front of mix chamber | <u>Not available</u> | Quick-release pellet retainer plate protects against spillage when the door is opened. |
| Chassis | Exposed cylinders, hoses and wiring. Difficult access to major electrical components and air solenoids | Enclosed cylinders. Minimal hose & wire exposure. Easy access to major electrical components and air solenoids through hinged door interlocked to main safety disconnect. |
| Blend discharge valve | Valve is a separate component external to the chassis. Requires separate mounting and field installation. Requires safety inter-locks when pneumatically operated. | Valve is integrated into the chassis. Saves height and allows shipment fully assembled. Ties into door interlock when pneumatically operated. |