



<https://atautoconveyor.com>

PLANT MATERIAL FLOW PERFORMANCE SCORECARD

Rate each category from 1 (High Risk) to 5 (Optimized).

1 Throughput Efficiency

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Output consistently meets target
 - No recurring bottlenecks
 - Cycle times stable across shifts
-

2 Downtime Exposure

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Downtime tracked and minimal
- Root causes documented

- Recovery time optimized
-

3 Labor Dependency

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Minimal manual repositioning
 - No idle waiting
 - Forklift use optimized
-

4 Ergonomic Risk

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Lifting minimized
 - Repetitive strain controlled
 - Workstations properly aligned
-

5 Layout Efficiency

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Straight flow paths
 - No cross-traffic congestion
 - Transfer points aligned
-

6 WIP & Inventory Control

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Minimal staging buildup
 - FIFO maintained
 - Floor space optimized
-

7 Maintenance & Equipment Reliability

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

- Preventative maintenance active
 - Components properly rated
 - Failures trending downward
-



SCORING

Total Score: ____ / 35

30–35 → Optimized

22–29 → Moderate Improvement Opportunity

15–21 → Significant Efficiency Risk

Below 15 → High Exposure / Upgrade Required