

How M1 AI BOM Builder Speeds Up Your Shop

Stop re-typing drawings

Once your customer sends an RFQ or a drawing, the clock starts. But before you can quote or schedule, someone has to manually type part lists, materials, and routing steps, one line at a time. It's slow, it's repetitive, and it stalls production. The AI BOM Builder in M1 fixes this. Automatically turn drawings and spreadsheets into accurate bills of materials in seconds.

Let AI handle the first draft

Skip the typing. Upload a customer PDF, drawing, or spreadsheet and Ally extracts parts, quantities, and materials to produce a ready-to-review BOM.

The workflow:

1. **Upload:** Drop in your drawing or spreadsheet.
2. **Draft:** Ally scans the file and builds the BOM lines, quantities, and part matches.
3. **Finalize:** Review and finalize the draft.

The new way advantage

THE OLD SYSTEM (MANUAL)

- Open PDF and squint at details
- Manual data entry (line-by-line)
- High risk of typos and errors
- Hours of tedious work



THE NEW SYSTEM (AI-ASSISTED)

- Scan PDF and extract instantly
- Automatic draft creation
- Precision data extraction
- Minutes of expert review



Why it matters for your bottom line

- **Turn quotes into jobs faster:** Remove the long manual data entry so you can respond to customers sooner.
- **Keep your experts sharp:** Your lead people should decide how to make a part, not how to repeatedly enter data.
- **Eliminate fatigue errors:** By eliminating retyping, you reduce the simple mistakes that lead to material waste on the floor.

Built for shop floor reality

The faster you build the BOM, the sooner you start the job. By automating the extraction and data entry, M1 AI clears the administrative bottleneck so your experts can focus on the technical decisions that drive your margin.

TRY OUT THE AI BOM IN YOUR SYSTEM TODAY

Contact your Account Manager for questions.

In this release: attach one file at a time (.pdf or .xlsx, up to 50 MB and 500 lines). Nothing is written to your Quote or Job until you select OK in BOM from Document – Review Results. Routing and operations are not created.