

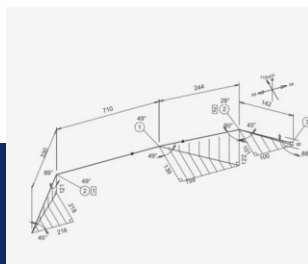


PipeCloud – Digital Workflow Management for Pipe Prefabrication

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PipeCloud helps shipyards, prefab factories and piping subcontractors streamline the process from planning to shop-floor execution and real-time tracking.

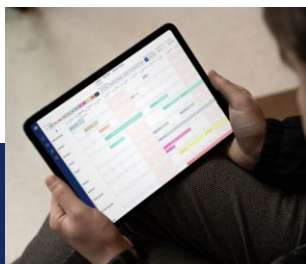
- ✓ **Boost productivity by 30%** with real-time planning and execution insights
- ✓ **Plan 5× faster** and deliver projects on schedule
- ✓ **Reduce waste by 10%** through optimized workflows
- ✓ **Gain full visibility** and traceability — from welds to QA records
- ✓ **Work from anywhere** with a cloud-based, multi-shop platform



1 Import CAD data



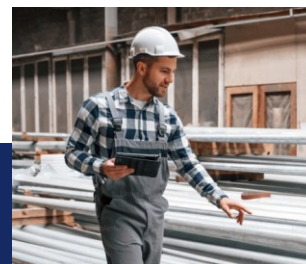
2 Create production bundles



3 Plan and schedule production



4 Execute workflows on the shopfloor



5 Track progress in real time

What's Holding Pipe Workshops Back



Wasted labor time & skills scarcity

- ✓ **Welders spend 20 %** of each shift welding, the rest is hunting for drawings, parts or rework
- ✓ **A global shortage** of welders, fitters, and CNC programmers
- ✓ **Complex isometric drawings** intensify productivity losses tied to familiarization and retention



Lack of real-time shop-floor visibility

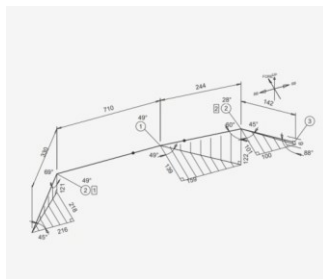
- ✓ **Manual planning slow**, no accurate view of capacity, resources or schedule
- ✓ **Estimates** based on inaccurate work effort
- ✓ **Supervisors use gut feel vs. data**; bottlenecks surface too late, causing constant firefighting



Traceability & compliance burden

- ✓ **Full welding & material traceability paper** logs take hours and are inconvenient
- ✓ **Auditing through piles of paper** risks missing defects and triggering costly rework
- ✓ **As built** documentation is laborious to collect and does not match with the reality

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1 Plan Production

Automated planning from CAD files and PDFs

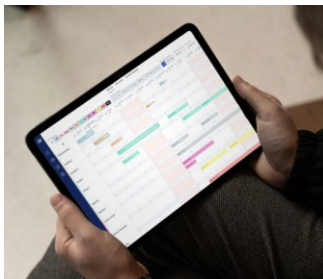
Extract spool data, calculate work effort and pricing, generate CNC programs.



2 Create Work Packages

Spool-based work tasks with materials and phases

Automatically generated tasks, materials, and machine programs for each phase.



3 Schedule Capacity

Align work to available resources

Plan based on actual labor and machine availability, avoid bottlenecks, stay on schedule.



4 Execute & Install

Digital instructions for every role

Clear tasks, drawings, and requirements in a simple browser interface for all workers.



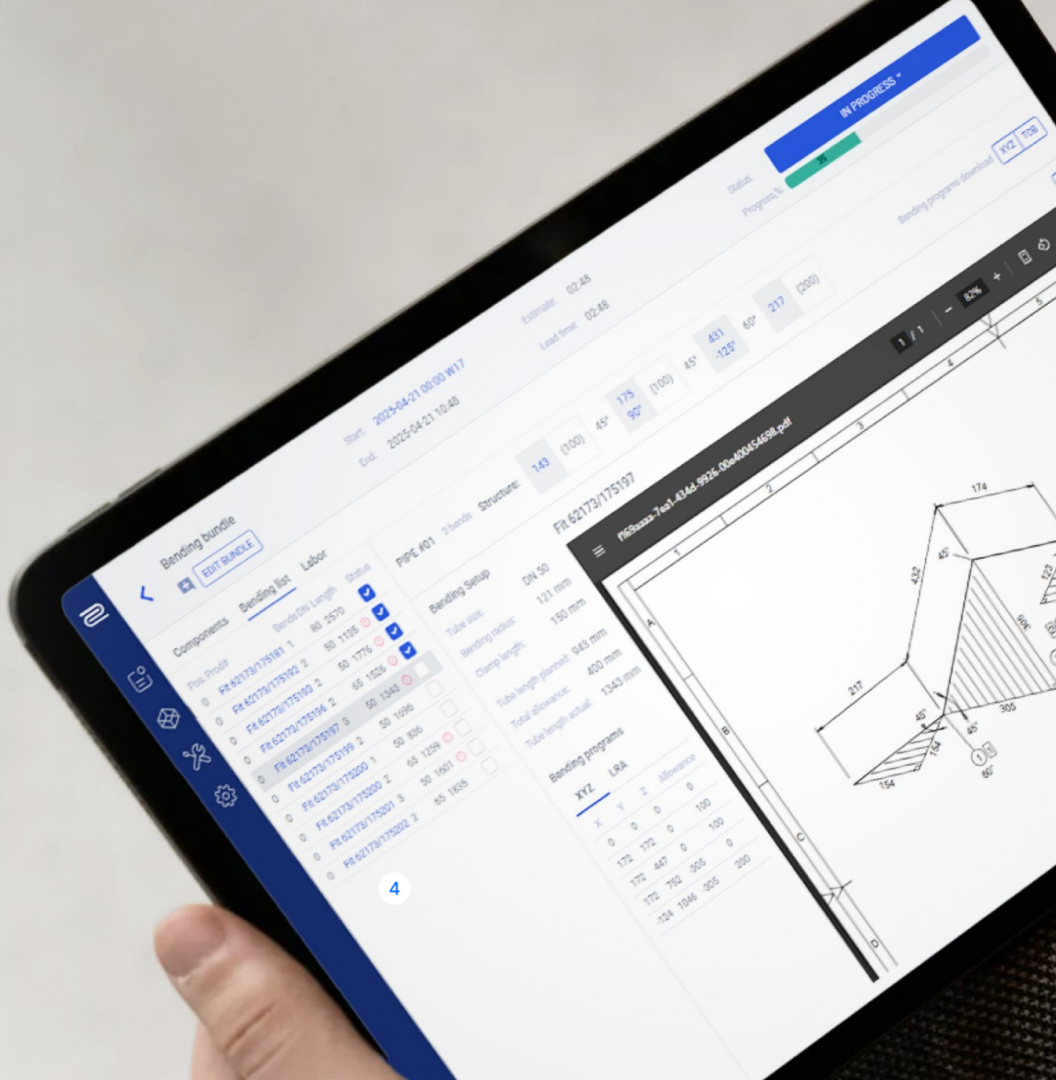
5 Track Progress

Live status, time, and full audit trail

Monitor production progress, compare to estimates, and trace welds, materials, and operators.

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Thank you
Get in touch or
book a free demo

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