



Your Shop Floor Runs on Chaos. This Fixes That.

ShivAI Job Shop Scheduler plans every job on every machine in minutes, and re-plans when reality changes: machine breakdowns, rush orders, shift patterns, tool limits and material delays. Built for Indian job shops. Runs on your own PC.

THE PROBLEM

What Happens Without a Scheduler

₹12–18 Lakhs/yr Lost

Idle machines while others are overloaded. The load is balanced in one person's head.

23% Jobs Delivered Late

Rush orders blow up the week's plan. Customers escalate. Penalties pile up.

4–6 Hours/Week Wasted

Re-planning on whiteboards or Excel every time a machine breaks down mid-shift.

Zero Visibility

No one knows which jobs will be late, which machine is the bottleneck, or what the real cost is.

THE SOLUTION

16 Methods Compete. The Most On-Time Plan Wins.

Upload your Excel job data and click Run. ShivAI tries 8 classic dispatch rules and 8 AI optimisation methods, then gives you the plan with the fewest late jobs. **Auto** mode takes about 10 seconds for a daily run; **Deep** mode runs every method for overnight planning.

⚡ Dynamic Re-Scheduling

Machine breaks at 2 pm? Restart from any point: finished work is kept, work in progress continues, everything pending is re-planned.

🕒 On-Time Delivery First

The winning plan is the one with the fewest late jobs, then the least lateness, then the earliest finish.

🔔 Urgent Order Preemption

A rush order takes the machine after the current batch; the interrupted job resumes with the remaining quantity.

📊 Decision Dashboard

KPI cards, Gantt chart with critical path, utilisation heatmap, job and machine analytics, and a full Excel report.

🤖 8 AI + 8 Classic Methods

Differential Evolution, PSO, NEH, Iterated Greedy, Genetic Algorithm, Tabu Search, ALNS and Q-Learning compete with 8 dispatch rules.

🔑 Real-World Constraints

Shift patterns, tools and fixtures, inspector availability, material arrivals, preventive maintenance and operator absence.

🏭 Machine Intelligence

Parallel machine groups, efficiency factors, priority ranking, setup factors, load balancing and ₹ cost per machine hour.

📁 Excel In, Excel Out

Blank template and sample data built in. Every run is saved in Run History to review and download again.

HOW IT WORKS

5-Step Wizard: Upload to Results in Minutes

1. Upload

Your Master Job Excel: jobs, routings, machines, shifts.

2. Select

Pick the jobs for this run, by priority or due date.

3. Set Time

Start date and time; optional restart checkpoint.

4. Conditions

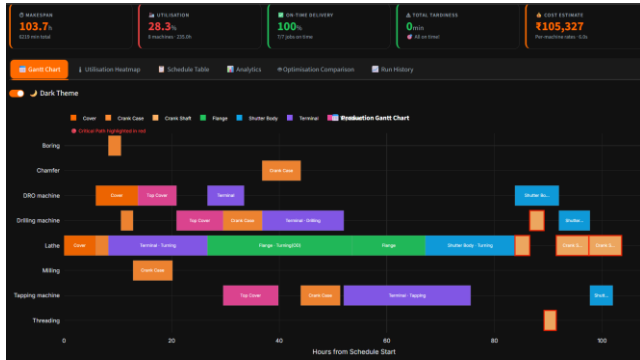
Breakdowns, urgent jobs, material, maintenance.

5. Run

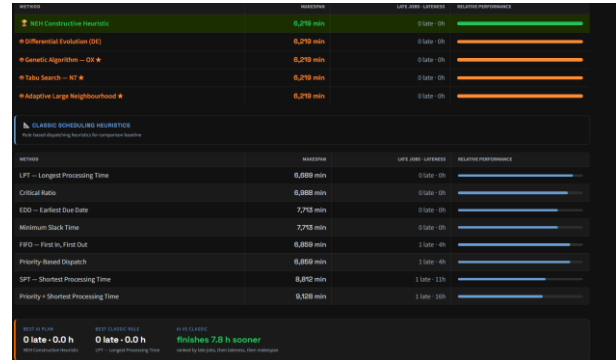
Choose Auto, Fast or Deep. Dashboard, Gantt and Excel report.

SEE IT WORK

Multiple Methods Compared to Choose the Winner.



Dashboard: KPI cards and production Gantt chart



Optimisation Comparison: every method, late jobs first

WHO IT'S FOR

Built for Your Industry

Job Shops

CNC machining, tool & die, precision engineering, print & packaging.

Assembly Operations

Electronics, electrical panels, machinery, consumer durables.

Batch Manufacturing

Auto components, metal fabrication, pharma intermediates, plastics.

Pumps, Motors & Castings

Pump and motor components, foundry work, textile machinery parts.

PRICING

Choose Your Scale

Basic ₹4,720/mo Up to 30 jobs · 8 machines per schedule run	★ Business ₹9,440/mo Up to 120 jobs · 25 machines per schedule run	Enterprise ₹11,800/mo Unlimited jobs · unlimited machines
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Every plan includes every feature. Plans differ only in how many jobs and machines you schedule per run. Prices include GST. Annual billing gives 2 months free.

30-day pilot: ₹5,900 incl. GST, a one-time onboarding fee covering installation, training and direct support.

Works on your PC. Enter your licence key once when you install (internet needed only for that step); after that, no internet is required. Each subscription activates up to 2 PCs.

Start your 30-day pilot

contact@shivaiscsolutions.com · +91 93615 85249 · www.shivaiscsolutions.com