Press Capacity Check

Scheduled hours, actual running hours, and good output vs. the quoted standard — one press and mold/job per row.

Period: _____ Plant: _____

Plasteck Consulting

A Press ID / Mold-Job	B Tonnage	C Scheduled hours	D Actual running hours	E Sched. hours not running = C − D	F Std. cycle (s)	G Cavities designed	H Cavities running	I Theoretical std. output =D×3600÷F×G	J Good parts produced	K Good output ÷ theoretical std. output = J÷I	L Main loss / notes (changeover, material, maint., staffing, slow cycle, scrap, blocked cavity)	M Good parts / scheduled hour = J÷C	N Demand (good parts, optional)	O Demand shortfall = N − J	P Hours check OK if D≤C
Total hours					*Do not total parts across different part numbers; compare row by row. Total hours (C, D, E) once every row passes P.*										

How to fill it in

1. Pick one period (a month works). Use **one row per press and mold/job**; split a press's scheduled and running hours by job.
2. Scheduled hours: planned to run. Actual running hours: actually cycling. E is scheduled time the press wasn't running; some of it is planned or necessary (PMs, planned changeovers, no-order time).
3. Use the **quoted** standard cycle and **designed** cavities — the production baseline — even if a cavity is blocked, so the loss stays visible. Note approved engineering changes separately.
4. Good parts are what you could ship, not total shots. **K** is good output as a percentage of quoted output during running hours. It reflects cycle speed, blocked cavities, scrap, and in-cycle stops.
5. **M** uses all scheduled hours. Enter optional same-job, same-window demand in **N**; **O** is the shortfall (0 if demand is met).
6. **P** flags negative hours or running hours above scheduled hours. Correct flagged rows before totaling hours.
7. Combining jobs? Add each job's theoretical output; never use one blended cycle or cavity count.

Before counting unused hours as capacity, confirm

- ☐ **Labor** — people on every shift to run the hours
- ☐ **Tooling** — molds available and in good repair
- ☐ **Material & drying** — resin supply and dryer capacity
- ☐ **Maintenance** — time left for PMs and repairs
- ☐ **Scheduling** — hours fall where the work is needed
- ☐ **Equipment capability** — tonnage, shot size, platen/tie-bar, auxiliaries
- ☐ **Demand & margin** — orders exist, and they pay

Self-assessment tool for your own use. Not an engagement result, benchmark, or guarantee.