Everything the house AI does not do.

crate-fit prices every box with real carrier quotes and real material costs, picks the cheapest one that still protects the item, and catches the label and shipping mistakes that cost money. **One scan. One safe answer. No guessing.**

THE SCOREBOARD

96.5%
safe single-item picks
House AI: **53.2%**

37.6%
box match on the same rows
House AI: **29.6%**

$4,590
cushion savings in 3 weeks
782 packs · 771 positive

114
real-quote cost wins
only **29** losses · 52 ties

WHY IT WINS

PROTECTION
4-inch fragile standard
Four inches of cushion on the tightest side, every fragile item.
Median cushion **3.5"** · house AI **1.5"**

PROTECTION
Critical-zone alarm
Anything under two inches of cushion is flagged as the damage zone.
Under 2": **18** · house AI **82**

PRICING
Every box has a real price
Shipping quote + cardboard + peanuts + cushion, in one number.
0 unpriced final picks · an unquoted box cannot win

PRICING
Peanuts are a cost line
The void inside a fragile box is priced, not ignored.
$0.20 per fragile order · most systems miss it

SIZING
Custom-height boxes
Cut to the item plus cushion, not rounded to the next stock size.
158 picks · $1,019 saved · AI rounds up **3.6×**

SIZING
Buffer ladder
Prices each cushion rung; takes the cheapest one that still protects.
$4,590 net · 771 of 782 trade-downs positive

CONTAINER
Container classifier
Box, bubble, poly, flat, letter or record, from the item itself.
82.6% agreement · **90.4%** on silverware

SPEED
Warm boards
Solved and priced before the packer scans the item.
99.1% priced at scan · **45/45** today

COVERAGE
Big and odd items
Searches the full catalog, including heights no stock box offers.
House AI offers a **few chips**; we search all of it

QUALITY OF LIFE

NO DOWNTIME
Never restart Chrome
The extension updates itself in place; no browser bounce.

MORNINGS
Weekend warm-up
Monday's lists are solved and priced before the first scan.

AT INTAKE
Buyer details on one screen
Order total, intaker and intake date beside the item.

FEEDBACK
One-click marks
Wrong dims, judgment, protection and fragile-miss buttons.

CHECKING
Phone label sweep
Scan label then slip; instant pass or flag at the parcel.

READING
Full table folded
One row per footprint, not a ladder of every height.

PRE-WORK
ShipBy queue pre-warmed
The next queue is solved before it is needed.

RELIABILITY
Self-healing session
Sign-in is refreshed every ten minutes; no human needed.

BACKUP
Data on the hub every 15 min
Every scan, decision and mark reaches the analysis box.

THE NICHE FIXES

BILLED DIMS
Box dimensions reasserted
The carrier is billed on the box the label actually names.
834 box-dim syncs

RATES
Rate-change guard
Catches a rate that moves or disappears after selection.
281 checks before the label prints

CARRIER RULES
UPS non-corrugated guard
A bag never rides a UPS rate that forbids it.
26 checks · 3 switched to USPS

LABELS
Wrong label blocked
ZIP or name on the label must match the order before print.
6 labels stopped pre-print

LABELS
Spent label blocked
An approved label or slip can never ship a second parcel.
18 parcels flagged red by the sweep

LABELS
Two-slip / two-label guard
A parcel is one slip and one label; anything else is reset.
2 operator flow mistakes caught

SCANNING

Hybrid barcode parser

SurePost labels carry a UPS and a USPS barcode; both read.

MONEY

Shipping-anomaly detector

Huge box, impossible dims or a price far above our pick.

31 shipments · **$422** excess exposed

WARM BOARDS

Blank non-fragile board fixed

Real quotes are carried across toggles; no empty table.

THE SAFETY NET

ONE CARD · WHAT THE STATION CAUGHT

Four numbers worth remembering.

18
wrong parcels stopped by the label sweep

6
wrong labels blocked before they printed

$422
postage overcharge exposed on 31 suspect shipments

499
packing mismatches caught by the end-of-day review

1,232 packages swept · 1,183 label approvals · 926 slip-to-label comparisons, all clean · every catch is logged, so a miss becomes the next fix.

Sources: logs/store.sqlite (label_verifications, label_events, guard_events, shipping_anomalies, daily_reports), logs/label_mismatches.jsonl, logs/executive_results_2026-11-10.json, logs/features_verification_2026-11-11.json, career/METRICS_FRAMING.md. Protection and cost win/loss use the 21 Oct – 10 Nov window; box-match and cost wins are the 194-pack replay cohort. What is next: non-fragile over-boxing (we boxed a soft-shipped item 813 times vs the AI's 127) is the next classifier target, not a cushion change.

crate-fit
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