POT & TRAY HANDLING | AUTOMATION SOLUTIONS

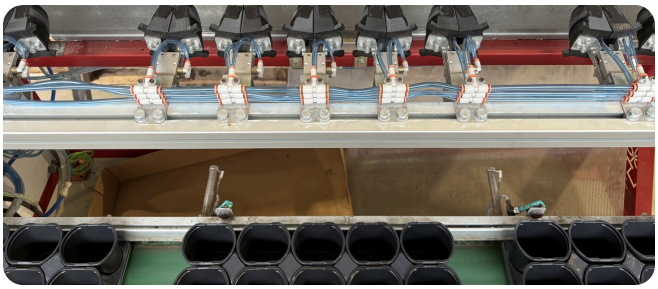
PD-X1 vs PD-X3 Pot Dispensers

Two pot dispensers: match the machine to your pot program and throughput.

AdeptAg

POT DISPENSING WITHOUT THE LABOR

Placing empty pots into trays is the slowest, most repetitive step at the front of a potting line. A **PD-X dispenser** takes it off your crew and runs it at machine speed, dropping round, stadium, and square pots into trays accurately, row after row, so the people you have move to higher-value work. **The right build comes down to how often you change pots and how fast you need to run.**



Why growers automate pot dispensing

Hand-placing pots into trays is slow, repetitive, and ties up crew hours that don't move plants forward. A PD-X dispenser drops pots into trays at machine speed and gives those hours back for higher-value work.

- **Cut labor at the front of the line.** One machine replaces the hand-placing crew, freeing people for transplanting and QA.
- **Steady output all shift.** Consistent placement, no fatigue drop-off, fewer downstream jams.
- **Clear the bottleneck.** Keep your filler and potting line fed at production speed.
- **Less reliance on seasonal labor.** Automate the step that is hardest to staff at peak.
- **Protect downstream equipment.** Accurate placement means dependable pickup, fewer errors.
- **Scale without adding people.** Take on more volume with the crew you already have.

Ready to take pot placement off your crew? Your AdeptAg RSM can size the dispenser to your tray format, pot mix, changeover schedule, and target throughput.

TALK TO YOUR ADEPTAG REP

1-877-233-7824

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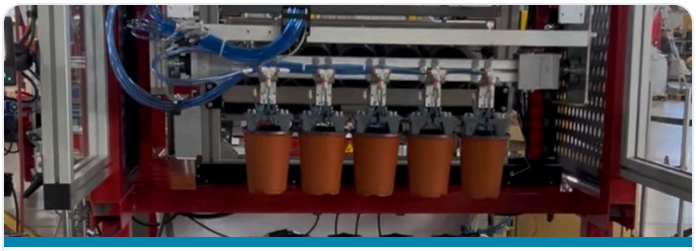
Two Builds: Which One Fits Your Line?

Run one pot all season, or change pots often? That decides the build.

The PD-X1 is built for consistency: set it up for your main pot and tray at the start of the season and run it. The PD-X3 is built for lines that change pot sizes or shapes daily or weekly. **Match the build to your pot program and run rate.**



PD-X1

SMALLER FOOTPRINT, FEWER CHANGEOVERS

- Up to 400 trays/hr (2-row trays)
- Fills one shuttle tray at a time
- Swappable cartridges for seasonal re-tooling
- 4.3″ non-touch display
- Compact footprint, 900 lbs (410 kg)
- 230V, 1-Phase, 18A

A GOOD FIT IF YOU:

- Run one main pot size and shape for a full season
- Change pots only between seasons or crop cycles
- Want hands-off placement in 2-, 3-, or 4-row carrier trays

TRADE-OFF

Not built for frequent changeovers. If your line changes pots daily or weekly, choose the PD-X3.

PD-X3

HIGH-VOLUME, FREQUENT CHANGEOVERS

- Up to 1,000 shuttle trays/hr (2-row trays)
- Fills up to 3 shuttle trays in parallel
- Quick-change pot holder sets
- 10″ color touchscreen
- Servo + stepper drives
- 208V, 3-Phase, 16A

A GOOD FIT IF YOU:

- Change pot sizes or shapes daily or weekly
- Run many SKUs through the same line
- Need higher output than a single-shuttle machine

TRADE-OFF

Larger footprint and heavier at 1800 lbs (820 kg); needs three-phase power.

STANDARD ON EVERY PD-X DISPENSER

- Round, stadium & square pots, 3″–6″
- Swappable tooling for different pot sizes and shapes
- Built and supported in-house by AdeptAg
- Saved recipes, so a pot or tray switch is repeatable
- Drops into existing tray-filling lines

Not sure which build fits? Your AdeptAg RSM can size the PD-X to your tray format, pot mix, changeover schedule, and target rate. Call 1-877-233-7824.