OPERATIONS UPDATE

Canister Process Update.

A simplified, three-step canister replacement workflow for PostPro customer sites — reducing operator steps, shipment weight, and hardware dependencies across the deployed fleet.

AUDIENCE	OWNER	VERSION
Customer Sites	Operations & Service	V2 · Feb 2026

01 · OVERVIEW

What's changing.

Four targeted changes to the canister replacement workflow. Each reduces complexity at a different layer — process, logistics, hardware, and operator burden.

CYCLE LENGTH	~~4-step cycle~~	→	3-step cycle	Reduced complexity Lower error surface
RA CANISTER	~~5 L RA canister (filled)~~	→	Empty RA canister	Lower shipment weight Reduced freight cost
IDENTIFICATION	~~RFID scanning~~	→	12-digit code entry	No hardware dependency Easier troubleshooting
SERVICE LIQUID	~~Service liquid step~~	→	Eliminated	One less operator step Faster cycle time

02 · PROCESS

The new three-step cycle.

Every three Fresh Agent canister changes, the machine drains waste liquid from the bubbling tank into the empty Recovery canister. The cycle then repeats — no service liquid step required.

1

Drain Interim Tank

Every 3 FA canister changes, the bubbling tank must be emptied into an empty RA canister.

AUTOMATED

→

2

Normal Operation

Machine operates with the three Fresh Agent (FA) canisters delivered in the standard shipment until cycle completion.

PRODUCTION RUN

→

3

Shipment Arrives

Customer receives 3× FA (10 L) and 1× RA (empty). Operator swaps canisters and the cycle restarts.

3× FA + 1× RA EMPTY

CYCLE: 1 → 2 → 3 → 1 Every 3 FA canister changes, the waste liquid drains into the empty RA canister, and the cycle repeats. The Chemical Vapor Smoothing process itself is unchanged.

03 · SHIPMENT

What the customer receives.

Standard shipment contents simplify to three Fresh Agent canisters and one empty Recovery Agent canister. Two legacy items are removed entirely.

INCLUDED IN STANDARD SHIPMENT

✓ **3 × FA 326 (10 L)**

Fresh Agent canisters — primary process consumable for the Vapor Smoothing cycle.

✓ **1 × RA 326 (empty)**

Recovery Agent canister, shipped empty — receives waste liquid drained from the bubbling tank on-site.

NO LONGER INCLUDED

✕ **5 L RA canister (filled)**

Replaced with empty RA canister

✕ **RFID tags**

Replaced with 12-digit code entry

04 · IDENTIFICATION

RFID replaced by manual code entry.

Canister identification moves from automatic RFID scanning to a 12-digit code entered by the operator from the canister label. Eliminates a hardware failure mode without changing the process behaviour.

OLD METHOD

RFID Tag Scanning

Automatic scan when the canister is inserted. Requires functioning RFID reader hardware and intact tag on every canister.

[▦▦▦▦ RFID ▦▦▦▦]

→

NEW METHOD

12-Digit Code Entry

Operator enters the printed code from the canister label when prompted by the machine. Works on any canister, with no hardware to fail.

3 2 6 4 9 1 7 0 5 8 4 2

- ✓ No hardware dependency
- ✓ Works with any canister
- ✓ Easier field troubleshooting

05 · CODE ENTRY

Entering the 12-digit code.

Operator workflow on the machine screen — three short steps replace the legacy RFID scan.

1

Locate the code

A `12-character code` is printed on each new canister label.

2

Type when prompted

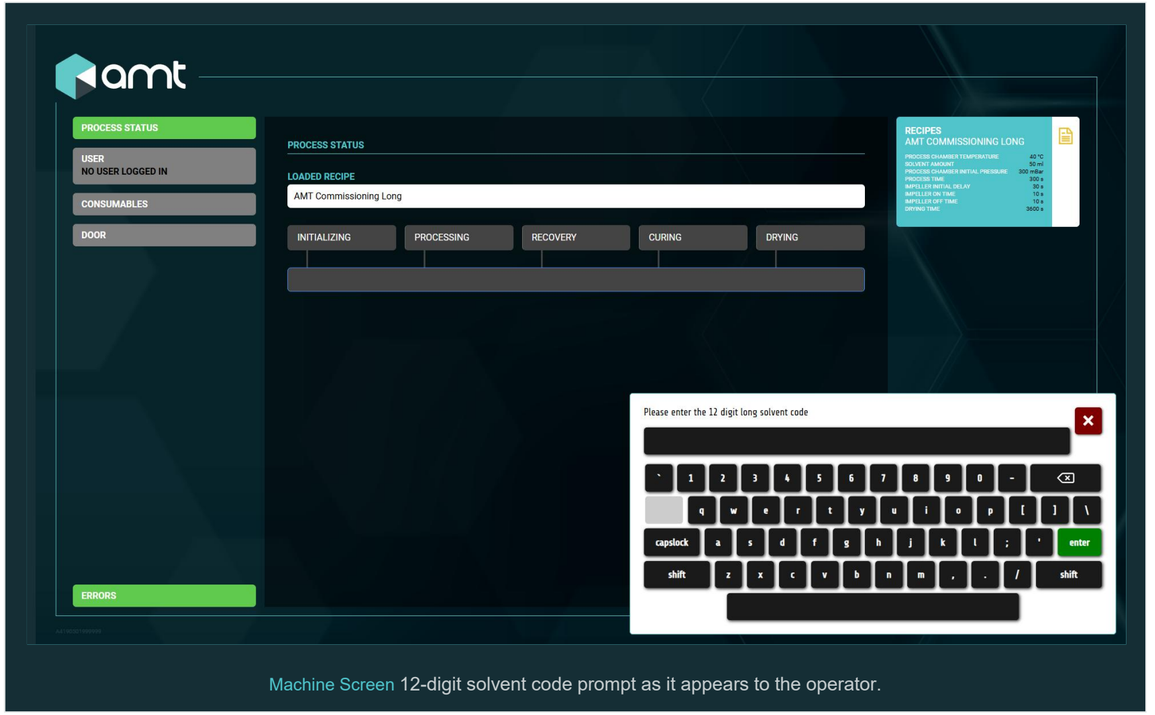
When the machine asks for the code, use the on-screen keyboard to enter it.

3

Press `enter`

The machine identifies the canister and continues the process — no support call needed.

> REMINDER
>
> Each canister now ships with its own 12-character code printed on the label. The on-screen keypad replaces RFID scanning entirely.



Machine Screen 12-digit solvent code prompt as it appears to the operator.

06 · BENEFITS

A more reliable, efficient, user-friendly process.

Six compounding improvements across operations, logistics, and customer experience — each independent, each measurable.

01 Simpler Process

Reduced from 4 steps to 3 steps — less room for operator error per cycle.

02 No Service Liquid

Eliminates one operator step entirely from the canister replacement workflow.

03 No RFID Dependency

Manual 12-digit code entry replaces RFID scanning hardware.

04 Lower Shipment Weight

Empty RA canister instead of 5 L filled canister — reduced freight cost per cycle.

05 Reduced Complexity

Fewer components, fewer potential failure points across the fleet.

06 Faster Training

Simpler process means quicker operator onboarding at customer sites.