



GARDNER CONTROLS

Gardner Controls
FANUC Authorized Systems Integrator

EOAT CONCEPT

Sheet Tray Handling — Concept

Reference-driven end-of-arm tooling concept

Internal Concept

Target payload: 18" x 26" Aluminum Sheet Tray (Choice 407BUNFULL)

Footprint: 26" x 18"

Total weight: 6.3 lbs

Date: 6/11/2026

Recommended Concept

MECHANISM

Vacuum Bar

Long continuous suction channel — good for sheets or flexible media.

GRIPPER COUNT

—

FOOTPRINT

—

inches

EST. PAYLOAD

—

CYCLE TARGET

6s

Concept Summary

Concept summary not yet authored. Pin reference designs and author the recommended approach in the session workspace.

Target Payload

Part name	18" x 26" Aluminum Sheet Tray (Choice 407BUNFULL)
Dimensions (L x W x H)	26" x 18" x 1"
Tray weight / Product weight	1.3 lbs / 5 lbs
Orientation	Top access only. Wire-rolled rim on perimeter can be engaged from below. Flat underside.
Environment	Bakery rack loading/unloading. Possible flour dust. Oven exit temp up to 200°F.

Reference Designs Reviewed

0 references pinned during the brainstorm session. Star ratings reflect suitability for the target payload above.

No references pinned.

Sources

Selected from the Gardner Controls EOAT reference library. Open URLs in a browser for full vendor documentation.

TITLE	VENDOR	URL
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