



# TRAY STACKER & DESTACKERS

## AUTOMATED JOB TRAY LOADING OR UNLOADING

### EXAMPLES OF USE

- **AS50 STACKER** - Automatically accumulates trays at end of production line or stand
- **AD50 DESTACKER** - Automated induction of trays to production line or stand-alone machine
- **AD50ET DESTACKER** - De-stacker with HMI and timing function for programmable tray release (for alloy cooling)
- **ATS100 TRAY SERVER** - Automatically accumulates or buffers stacks of trays for a defined time period until they are ready for de-stacking

### KEY BENEFITS

- Improves lab production efficiency and productivity by automating the handling of job trays.
- Improves quality control by reducing potential lens damages during manual handling.
- Works without a full time machine tender.
- Maximum space utilization (compact design).

### TECHNICAL SPECIFICATIONS

<b>Productivity</b>	Up to 300 Trays / hour
<b>Tray Capacity</b>	AD50/AD50ET: max 50 Trays / max 5 stacks of 1- 10 trays AS50: max 50 Trays / max 5 stacks of 1- 10 trays ATS100: max 100 Trays / max 10 stacks of 1- 10 trays
<b>Tray Type Dimensions (wxdxh)</b>	Low/Standard: 220 x 260 x 70 mm / 8.7 x 10.2 x 2.7 inches High: 220 x 260 x 85 mm / 8.7 x 10.2 x 3.3 inches
<b>Dimensions (wxdxh)</b>	AD50/AD50ET: 515 x 1980 x 1950 mm / 20 x 78 x 77 inches ATS100: 515 x 4579 x 1950 mm / 20 x 180 x 77 inches Top of Belt height: 1100 mm / 43 inches
<b>Tray size orientation</b>	260 x 220 mm Short edge leading / 10.2 x 8.7 inches
<b>Ticket</b>	Should not extend over the upper edge of Tray
<b>Compressed air</b>	6 bar, 14 liters per minute
<b>Power</b>	3 phase or 1 phase Version, 50 or 60 Hz
<b>Programmable Tray releases</b>	AD50ET: 0-99 minutes ATS100: Max 60 minutes cooling time at 100 Jobs/hour Max 30 minutes cooling time at 200 Jobs/hour Max 20 minutes cooling time at 300 Jobs/hour

CATEGORY	PRODUCT	PART NUMBER	EXTENDED TIMING	TRAY TYPE	VOLT	PHASES	FREQUENCY HERTZ	VOLTAGE COVERAGE
AUTOMATED DESTACKER	AD50	02-074-037		Low	380 V	3	50 Hz	360-440 V
	AD50	02-074-217		Low	220 V	3	50 Hz	200-240 V
	AD50	02-074-218		Low	380 V	3	60 Hz	360-440 V
	AD50	02-074-219		Low	220 V	3	60 Hz	200-240 V
	AD50	02-074-220		Low	110 V	1	60 Hz	100-120 V
	AD50	02-074-221		High	380 V	3	60 Hz	360-440 V
	AD50	02-074-222		High	220 V	3	60 Hz	200-240 V
	AD50	02-074-223		High	110 V	1	60 Hz	100-120 V
	AD50	02-074-224	Yes	Low	380 V	3	50 Hz	360-440 V
	AD50	02-074-225	Yes	Low	220 V	3	50 Hz	200-240 V
	AD50	02-074-226	Yes	Low	380 V	3	60 Hz	360-440 V
	AD50	02-074-227	Yes	Low	220 V	3	60 Hz	200-240 V
	AD50	02-074-228	Yes	Low	110 V	1	60 Hz	100-120 V
	AD50	02-074-229	Yes	High	380 V	3	60 Hz	360-440 V
	AD50	02-074-230	Yes	High	220 V	3	60 Hz	200-240 V
	AD50	02-074-231	Yes	High	110 V	1	60 Hz	100-120 V
AUTOMATED STACKER	AS50	02-074-038		Low	380 V	3	50 Hz	360-440 V
	AS50	02-074-232		Low	220 V	3	50 Hz	200-240 V
	AS50	02-074-233		Low	380 V	3	60 Hz	360-440 V
	AS50	02-074-234		Low	220 V	3	60 Hz	200-240 V
	AS50	02-074-235		Low	110 V	1	60 Hz	100-120 V
	AS50	02-074-236		High	380 V	3	60 Hz	360-440 V
	AS50	02-074-237		High	220 V	3	60 Hz	200-240 V
	AS50	02-074-238		High	110 V	1	60 Hz	100-120 V
AUTOMATED TRAY SERVER	ATS100	02-074-239		Low	280 V	3	50 Hz	360-440 V
	ATS100	02-074-240		Low	220 V	3	50 Hz	200-240 V
	ATS100	02-074-241		Low	380 V	3	60 Hz	360-440 V
	ATS100	02-074-242		Low	220 V	3	60 Hz	200-240 V
	ATS100	02-074-243		Low	110 V	1	60 Hz	100-120 V



All technical data subject to change without notice. Verify details with Satisloh.

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Subject to technical changes

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