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TECHNICAL DATA SHEET

ASI-05CCM

0.5 m Cooling Conveyor · Manual width adjustment

P/N	Document	Rev.	Date
62701	TDS-62701	02	12 Nov 2026



Main function

The **ASI-05CCM** is a compact **0.5 m** in-line conveyor for linking, buffering, inspection and controlled cooling in SMT lines.

Its **4 cooling fans** switch on automatically when a PCB enters, lowering board temperature during transfer. Manual mode holds the board at the exit for inspection until RESET; automatic mode transfers on the downstream signal via **SMEMA**.

500 mm	535 × 460	4 fans	Up to 2 kg	SMEMA
Conveyor length	Max PCB (mm)	120 × 120 mm	PCB weight	Interface

Key Features

- **4 × 120 mm** fans, auto-on at PCB entry
- Manual and automatic modes
- Exit stop for inspection (RESET release)
- Auto transfer on downstream signal
- **145 mm** front workstation
- Manual hand-wheel width adjustment
- KEWEI PLC, Panasonic sensors
- Standard **SMEMA**

תקציר בעברית: מסוע קירור **0.5 מ'** לחיבור, חציצה, בדיקה וקירור כרטיסים בקו **4** SMT. **מאווררים** הפועלים אוטומטית בכניסת כרטיס, כרטיס עד **460×535 מ"מ**, עמדת בדיקה 145 מ"מ, ממשק **SMEMA**.

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asi-tech.co.il/product/cooling-conveyor/

Dimensions & PCB	
Conveyor length	500 mm
Machine size (L × W × H)	500 × 750 × 1100 mm
PCB size	50 × 50 to 535 × 460 mm
Max. PCB weight	Up to 2 kg
Transport height	880–950 mm (900 +50 / −20 mm)
Inspection station	145 mm front workstation
Transport & cooling	
Transport direction	Left to right (front rail fixed)
Transport rail	Special aluminum rail, 4.8 mm edge belt
Width adjustment	Manual hand-wheel
Cooling system	4 × 120 × 120 mm fans mounted on the rail
Cooling operation	Fans run only when a PCB enters the conveyor
Operating modes	Manual and automatic
Sensors	2
Drive, control & utilities	
Transport motor	ZD 15W adjustable-speed motor (1 motor)
Control system	KEWEI PLC with Panasonic sensors
Power supply	AC 220V / 50–60 Hz (single electrical control box)
Frame	1.5 mm welded sheet metal, powder-coated (industrial gray)
Communication	SMEMA

Specifications are subject to change without notice. Rev. history: Rev 01: first issue; v2 format, data from existing ASI datasheet | Rev 02: עדכון עיצוב, ללא שינוי טכני