

January 2015

Mycronic SMD Tower™ 513 Specification



Specification Mycronic SMD Tower 513

CAPABILITY

RANDOM ACCESS STORAGE SYSTEM FOR SMD REELS	
Reel sizes	8 to 24 mm (4"/100 mm reels) 8 to 24 mm (7"/180 mm reels) 8 to 56 mm (13"/330 mm reels)
Freely configurable and expandable	
Access time	5 reels/minutes typ.

CAPACITY

CASSETTE CAPACITY	
CASSETTE TYPE	NUMBER
4"-7"	5
13"	24

MAXIMUM REEL CAPACITY				
REEL WIDTH	CASSETTES / SMD TOWER	REELS / CASSETTE	NUMBER OF REELS	TOTAL
8 mm / 4"-7"	5	14	70	406
8 mm/13"	24	14	336	

MAXIMUM TRAY CAPACITY				
CASSETTE WIDTH	CASSETTES / SMD TOWER	TRAY BOXES / CASSETTE	NUMBER OF TRAY BOXES	TOTAL
44 mm/13"	24	5	120	600

STANDARD CONFIGURATION				
REEL WIDTH	CASSETTES / SMD TOWER	REELS / CASSETTE	NUMBER OF REELS	TOTAL
8 mm / 4"-7"	1	14	14	299
8 mm/13"	5	14	70	
12 mm / 4"-7"	2	12	24	
12 mm/13"	5	12	60	
16 mm / 4"-7"	1	10	10	
16 mm/13"	5	10	50	
24 mm / 4"-7"	1	8	8	
24 mm/13"	4	8	32	
32 mm/13"	3	7	21	
44 mm/13"	2	5	10	

CASSETTES

CASSETTES AVAILABLE		
REEL WIDTH	REEL DIAMETERS	
	4" - 7"	13"
8 mm	•	•
12 mm	•	•
16 mm	•	•
24 mm	•	•
32 mm		•
44 mm		•
56 mm		•

SOFTWARE

SOFTWARE FUNCTION		
	STANDARD MODE	MYCENTER MODE
Component management	•	(2)
Stock monitoring	•	(2)
External communication protocol	•	•
User Access System	•	•
Traceability	•	•
Job preparation	•	(2)
Barcoding	•	(2)
Data Import/Export Function	•	(2)
Inventory Function	•	(2)
Component allocation	•	

(2) Handled by MYCenter software.

ACCESSORY

DRY AIR UNIT FREY FND 3.0 F-DP	
Flow rate, max	(in) 24 m ³ /h, (out) 20 m ³ /h
Flow rate, type	3 m ³ /h
Air supply	class 4 (ISO 8573-1) or better
Operating pressure	5-10 bar
Power supply	115/230 V, 50/60 Hz, 18W
Dimension (W x D x H)	330 mm x 270 mm x 840 mm (13.0" x 10.6" x 33.1")

MISCELLANEOUS

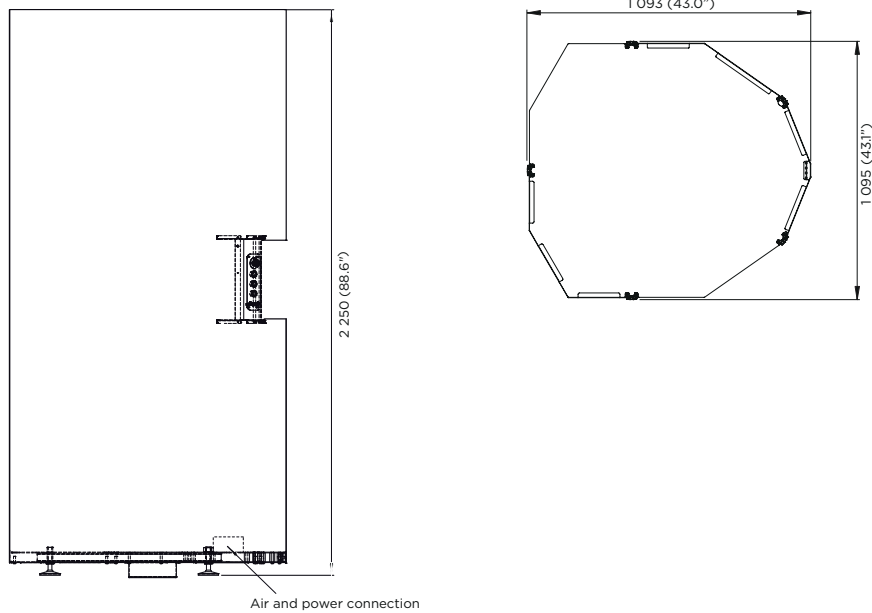
INSTALLATION REQUIREMENTS

Weight	350 kg/770 lbs
Power requirements	Single phase AC 300 VA
Voltage	110–240 V, 50/60 Hz
Ambient temperature	+18 to +35 °C (65 to 95 °F), < 95% RH non condensing

DIMENSIONS

in mm.

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