

Specifications

MYTower™

February 2021



Overview

CAPABILITY

STORAGE SYSTEM FOR SMD REELS	
Reel sizes	4-32 mm (4"/100 mm reels) 4-32 mm (7"/180 mm reels) 4-56 mm (13"/300 mm reels) 4-56 mm (15"/380 mm reels)
Freely configurable and explandable	
Access time	0.08 mm (3 mil)

CAPACITY

MAXIMUM REELS		
TOWER MODEL	REEL SIZE	NUMBER OF REELS
MYTower 5	4 mm/4-7"	812
MYTower 6	4mm/4-7"	980
MYTower 6+	4mm/4-7"	980
MYTower 7+	4mm/4-7"	1,148
MYTower 5x	4mm/4-7"	2,052
MYTower 6x	4mm/4-7"	2,468

CASSETTES

CASSETTES AVAILABLE			
REEL WIDTH	4-7" REEL DIAMETER	13" REEL DIAMETER	15" REEL DIAMETER
4 mm	•	•	•
8 mm	•	•	•
12 mm	•	•	•
16 mm	•	•	•
24 mm	•	•	•
32 mm	•	•	•
44 mm		•	•
56 mm		•	•

SOFTWARE

SOFTWARE FUNCTIONS		
	STANDARD MODE	MYCENTER MODE
Component management	•	• (1)
Stock monitoring	•	• (1)
External communication protocol	•	•
User access system	•	•
Traceability	•	•
Job preparation	•	• (1)
Barcoding	•	• (1)
Data import/export function	•	• (1)
Inventory function	•	• (1)
Component allocation	•	

(1) Handled by MYCenter software

ACCESSORY

DRY AIR UNIT FREY FND 3.0 F-DP		
Flow rate, max	(in) 24 m³/h, (out) 20 m³/h	
Flow rate, type	3 m³/h	
Air supply	Class 4 (ISO 8573-1) or better	
Operating pressure	5-10 bar	
Power supply	115/230 V, 50/60 hz, 18 W	
Dimension (WxDxH)	330 mm x 270 mm x 840 mm (13.0" x 10.6" x 33.1")	

DRY AIR UNIT DST DC-20/30 T10/T16	
Weight 32 kg	
Power supply	115/230 V, 50/60 hz
Dimension (WxDxH)	435 mm x 243 mm x 663 mm

MYTower 5

The MYTower 5 is Mycronic's most compact component storage system. Perfectly suited for customers with limited floor space and height restrictions in their factory. The MYTower 5 has a maximum capacity of 812 reels, and is easily configurable to store 4-15" reels.

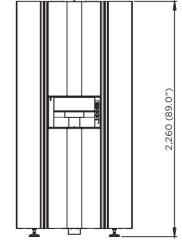


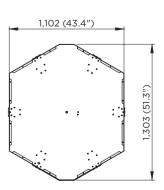
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8mm/4-7"	56	
8mm/13"	56	
8 mm/15"	0	
12 mm/4-7"	48	
12 mm/13"	36	
12 mm/15"	24	
16 mm/4-7"	20	
16 mm/13"	30	
16 mm/15"	10	
24 mm/4-7"	0	354
24 mm/13"	16	
24 mm/15"	16	
32 mm/4-7"	0	
32 mm/13"	14	
32 mm/15"	14	
44 mm/13"	5	
44 mm/15"	5	
56 mm/13"	0	
56 mm/15"	4	

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	270 kg/600 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	





MYTower 6

The MYTower 6 has a capacity of 980 reels, suited for storing large quantity of 4-13" reels as well as 15" reels. Coming in at under 1.5 m² this component storage system has the same footprint as the MYTower 5, but has one extra row of cassettes enabling a higher capacity.

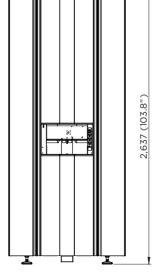


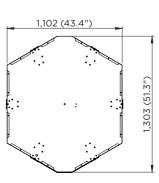
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8mm/4-7"	56	
8mm/13"	70	
8 mm/15"	0	
12 mm/4-7"	48	
12 mm/13"	36	
12 mm/15"	24	
16 mm/4-7"	40	
16 mm/13"	30	
16 mm/15"	10	
24 mm/4-7"	0	418
24 mm/13"	24	
24 mm/15"	24	
32 mm/4-7"	0	
32 mm/13"	21	
32 mm/15"	21	
44 mm/13"	5	
44 mm/15"	5	
56 mm/13"	0	
56 mm/15"	4	

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	340 kg/750 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	





MYTower 6+

The MYTower 6+ is the same height as the MYTower 6, with the key difference being the ability to store 15" reels in all magazines within the storage system. This model has a maximum capacity of 980 reels whilst giving the customer flexibility to store any size of reel.

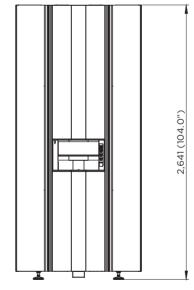


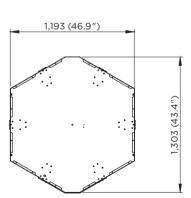
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8mm/4-7"	0	
8 mm/15"	0	
12 mm/4-7"	0	
12 mm/15"	72	
16 mm/4-7"	0	
16 mm/15"	80	287
24 mm/4-7"	0	287
24 mm/15"	56	
32 mm/4-7"	0	
32 mm/15"	42	
44 mm/15"	25	
56 mm/15"	12	

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	360 kg/794 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	





MYTower 7+

The MYTower 7+ is Mycronic's tallest component storage system, measuring at 3.03m, with a capacity of 1,148 reels. This component storage system has a footprint of 1.55m², and is designed to store the large quantities of reels right next to your SMT lines.

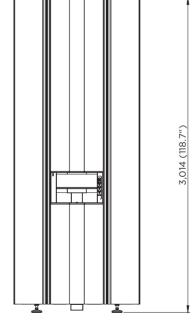


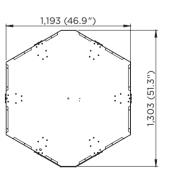
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8mm/4-7"	392	
8 mm/15"	28	
12 mm/4-7"	48	663
12 mm/15"	48	
16 mm/4-7"	20	
16 mm/15"	40	
24 mm/4-7"	0	
24 mm/15"	32	
32 mm/4-7"	0	
32 mm/15"	28	
44 mm/15"	15	
56 mm/15"	12	

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	580 kg/1,279 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	





MYTower 5x

The MYTower 5x is perfect for customers with height restrictions, looking to store as many reels as possible, whilst utilizing as little floorspace as possible. Perfect for storing large quantities of 7" reels, with a maximum capacity of 2,052 reels in a footprint less than 2m². Can be used both as a main warehouse or as buffer storage close to your production line.

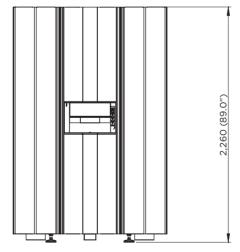


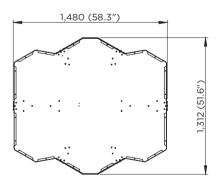
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8mm/4-7"	280	
8 mm/15"	28	
12 mm/4-7"	240	1,109
12 mm/15"	36	
16 mm/4-7"	200	
16 mm/15"	0	
24 mm/4-7"	160	
24 mm/15"	16	
32 mm/4-7"	140	
32 mm/15"	0	
44 mm/15"	5	
56 mm/15"	4	

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	500 kg/1,102 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	





MYTower 6x

Mycronic's largest component storage system capable of storing 2,468 reels in less than 2m². This component storage system is the same height as the MYTower 6 and MYTower 6+, but with a new storage technology, is able to store large quantities of reels. Can be used both as a main warehouse or as buffer storage close to your production line.

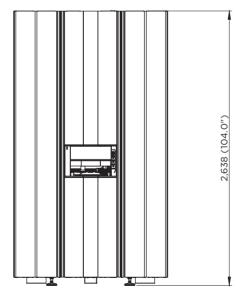


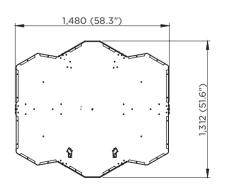
CONFIGURATION

STANDARD CONFIGURATION			
REEL SIZE	NUMBER OF REELS	TOTAL	
8mm/4-7"	280	1,371	
8mm/15"	28		
12 mm/4-7"	480		
12 mm/15"	48		
16 mm/4-7"	200		
16 mm/15"	10		
24 mm/4-7"	160		
24 mm/15"	16		
32 mm/4-7"	140		
32 mm/15"	0		
44 mm/15"	5		
56 mm/15"	4		

MISCELLANOUS

INSTALLATION REQUIREMENTS		
Weight	580 kg/1,278 lbs	
Power requirements	Single phase AC 300 VA	
Voltage	115/230 V, 50/60 hz	
Ambient temperature	18-35°C (65-95°F), <95% RH non condensing	







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Mycronic, MYDATA, MYDATA automation and MY, Mycronic 4.0; MYPro, MY100, MY100e, MY200, MY200MX, MY200DX, MY200DX, MY200DX, MY300DX, MY300DX, MY300DX, MY500, MY600D, MY600D, MY600D, MY600DX, MY500DX, MY700DX, MY700DX, MY700DX, MY700DX, MY700DX, MY700DX, MY700DX, MY70DX, MY50DX, MY