

# MYPro series MYTower™ component storage

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Specifications  
April 2025



Specifications MYPro series **MYTower™**

CAPABILITY	
Reel size dim x height	4" x 8-32mm
	7" x 8-32mm
	13" x 8-56mm
	15" x 8-56mm
	4-32mm (7"/180mm reels)
	4-56mm (13"/300mm reels)
	4-56mm (15"/380 mm reels)
Average time to unload reels	5 reels/minute

CAPACITY		
MAXIMUM REELS		
Tower model	Diameter x height	Number of reels
MYTower 5	4"-7" x 8mm	812
MYTower 6	4"-7" x 8mm	980
MYTower 6+	4"-7" x 8mm	980
MYTower 7+	4"-7" x 8mm	1,148
MYTower 5x	4"-7" x 8mm	1,652
MYTower 6x	4"-7" x 8mm	1,988

MAGAZINES			
Reel width	4-7" Reel diameter	13" Reel diameter	15" Reel diameter
4mm	•	•	•
8mm	•	•	•
12mm	•	•	•
16mm	•	•	•
24mm	•	•	•
32mm	•	•	•
44mm		•	•
56mm		•	•

SOFTWARE		
SOFTWARE FUNCTIONS	STSys 3	MYCenter Material
Component management	•	•
Stock monitoring	•	•
External communication protocol	•	•
User access system	•	•
Traceability	•	•
Job preparation	•	•
Barcoding	• <sup>(1)</sup>	•
Data import/export function	•	•
Inventory function	•	•
Component allocation	•	

(1) Check STSys version

MSD STORAGE	
COMPRESSED DRY AIR	
Flow rate, max	(in) 24m³/h, (out) 20m³/h
Flow rate, type	3m³/h
Air supply	Class 4 (ISO 8573-1) or better
Operating pressure	5-10bar
Power supply	230/115V, 50/60hz, 18W
Dimension (WxDxH)	330mmx270mmx840mm (13.0"x10.6"x33.1")

DEHUMIDIFIER - ELECTRIC	
Weight	32kg
Power supply	230/115V, 50/60hz
Dimension (WxDxH)	435mmx243mmx663mm

# MYTower 5

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



## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

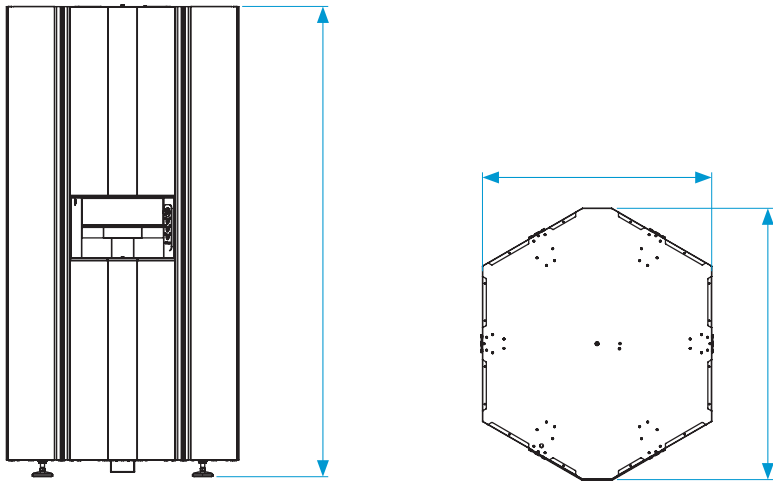
Reel size	Number of reels	Total
8mm/4-7"	56	354
8mm/13"	56	
8mm/15"	0	
12mm/4-7"	48	
12mm/13"	36	
12mm/15"	24	
16mm/4-7"	20	
16mm/13"	30	
16mm/15"	10	
24mm/4-7"	0	
24mm/13"	16	
24mm/15"	16	
32mm/4-7"	0	
32mm/13"	14	
32mm/15"	14	
44mm/13"	5	
44mm/15"	5	
56mm/13"	0	
56mm/15"	4	

## MISCELLANEOUS

### INSTALLATION REQUIREMENTS

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

## DIMENSIONS



# 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 1.5m² this component storage system has the same footprint as the MYTower 5, but has one extra row of magazines enabling a higher capacity.



## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

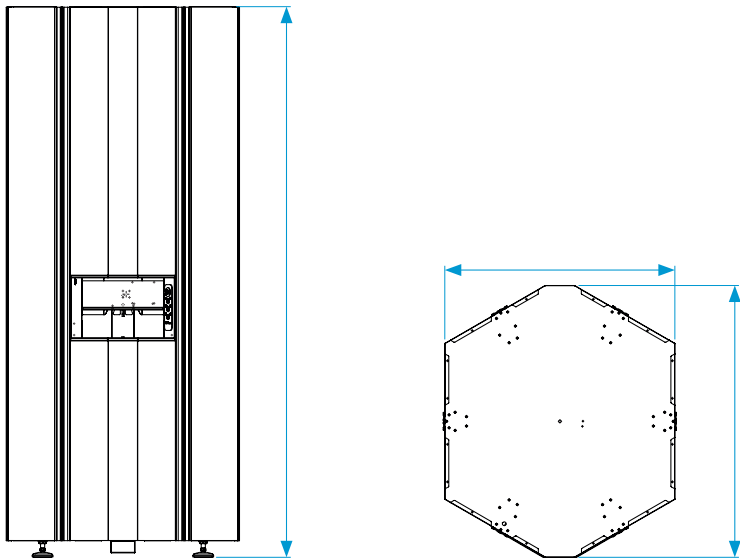
Reel size	Number of reels	Total
8mm/4-7"	56	418
8mm/13"	70	
8mm/15"	0	
12mm/4-7"	48	
12mm/13"	36	
12mm/15"	24	
16mm/4-7"	40	
16mm/13"	30	
16mm/15"	10	
24mm/4-7"	0	
24mm/13"	24	
24mm/15"	24	
32mm/4-7"	0	
32mm/13"	21	
32mm/15"	21	
44mm/13"	5	
44mm/15"	5	
56mm/13"	0	
56mm/15"	4	

## MISCELLANEOUS

### INSTALLATION REQUIREMENTS

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

## DIMENSIONS



# MYTower 6+

The MYTower 6+ have 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.



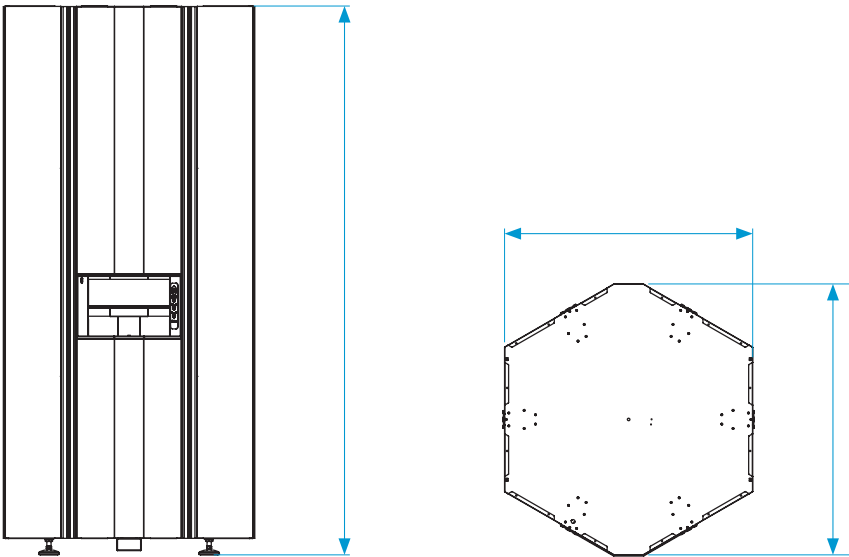
## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

Reel size	Number of reels	Total
8mm/4-7"	0	287
8mm/15"	0	
12mm/4-7"	0	
12mm/15"	72	
16mm/4-7"	0	
16mm/15"	80	
24mm/4-7"	0	
24mm/15"	56	
32mm/4-7"	0	
32mm/15"	42	
44mm/15"	25	
56mm/15"	12	

## MISCELLANEOUS

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

## DIMENSIONS



# MYTower 7+

The MYTower 7+ has really high capacity with up to 1,148 reels. This component storage system has a footprint of 1.55m<sup>2</sup>, a height of above 3m, and is designed to store the large quantities of reels right next to your SMT lines.



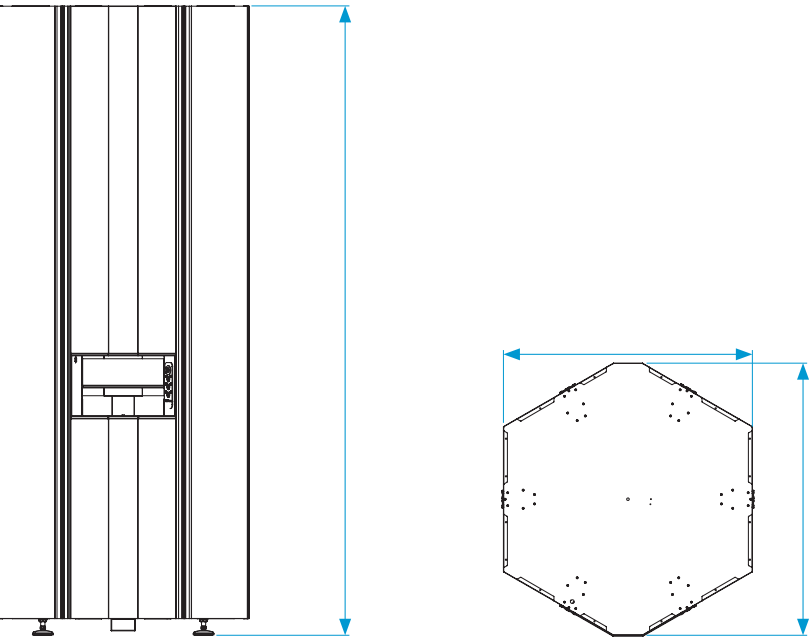
## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

Reel size	Number of reels	Total
8mm/4-7"	392	663
8mm/15"	28	
12mm/4-7"	48	
12mm/15"	48	
16mm/4-7"	20	
16mm/15"	40	
24mm/4-7"	0	
24mm/15"	32	
32mm/4-7"	0	
32mm/15"	28	
44mm/15"	15	
56mm/15"	12	

## MISCELLANEOUS

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

## DIMENSIONS



# 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 1,652 reels in a footprint less than 2m<sup>2</sup>. Can be used both as a main warehouse or as buffer storage close to your production line.



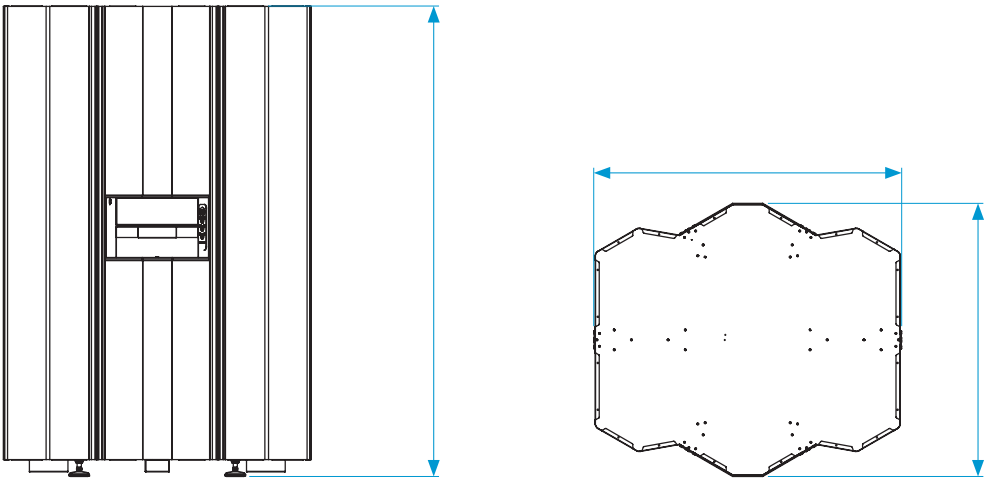
## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

Reel size	Number of reels	Total
8mm/4-7"	280	1,109
8mm/15"	28	
12mm/4-7"	240	
12mm/15"	36	
16mm/4-7"	200	
16mm/15"	0	
24mm/4-7"	160	
24mm/15"	16	
32mm/4-7"	140	
32mm/15"	0	
44mm/15"	5	
56mm/15"	4	

## MISCELLANEOUS

INSTALLATION REQUIREMENTS	
Weight	650kg /1,433lbs
Power requirements	Single phase AC 500VA
Voltage	230/115V, 50/60hz
Ambient temperature	18-35°C (65-95°F), < 95% RH non condensing

## DIMENSIONS



# MYTower 6x

Mycronic's largest component storage system capable of storing 1,988 reels in less than 2m<sup>2</sup>. 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.



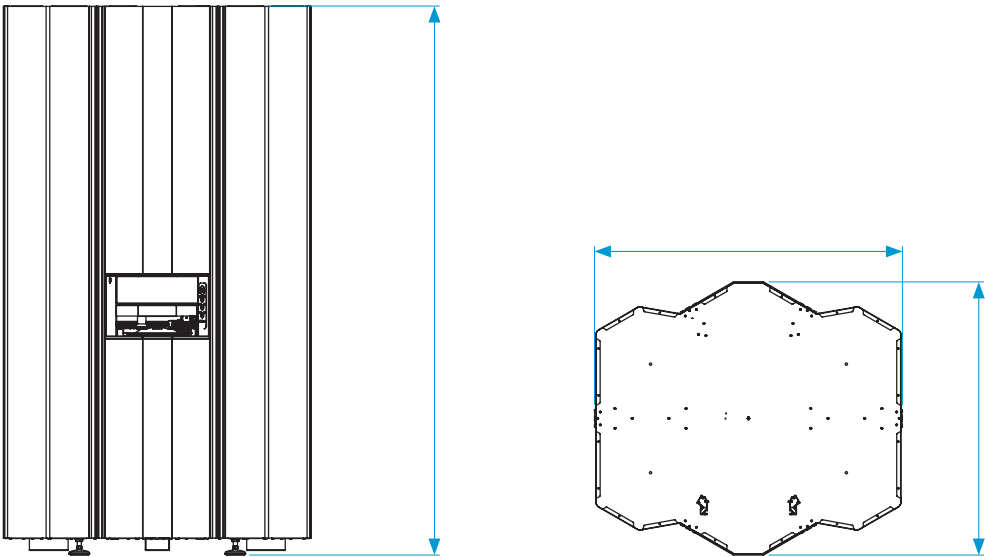
## STANDARD CONFIGURATION (ALL MYTOWER WILL BE CUSTOMIZED BASED ON USERS REQUIREMENT)

Reel size	Number of reels	Total
8mm/4-7"	280	1,371
8mm/15"	28	
12mm/4-7"	480	
12mm/15"	48	
16mm/4-7"	200	
16mm/15"	10	
24mm/4-7"	160	
24mm/15"	16	
32mm/4-7"	140	
32mm/15"	0	
44mm/15"	5	
56mm/15"	4	

## MISCELLANEOUS

INSTALLATION REQUIREMENTS	
Weight	750kg/1653lbs
Power requirements	Single phase AC 500VA
Voltage	230/115V, 50/60hz
Ambient temperature	18-35°C (65-95°F), < 95% RH non condensing

## DIMENSIONS





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