



Specifications

MYTower™

February 2021

MYCRONIC

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 expandable	
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	4 mm/4-7"	980
MYTower 6+	4 mm/4-7"	980
MYTower 7+	4 mm/4-7"	1,148
MYTower 5x	4 mm/4-7"	2,052
MYTower 6x	4 mm/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 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, 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.



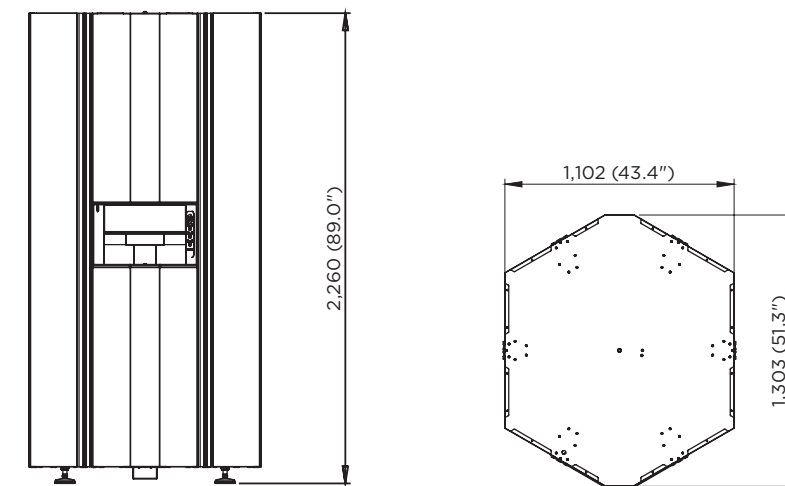
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8 mm/4-7"	56	354
8 mm/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	
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	

MISCELLANEOUS

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

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 cassettes enabling a higher capacity.



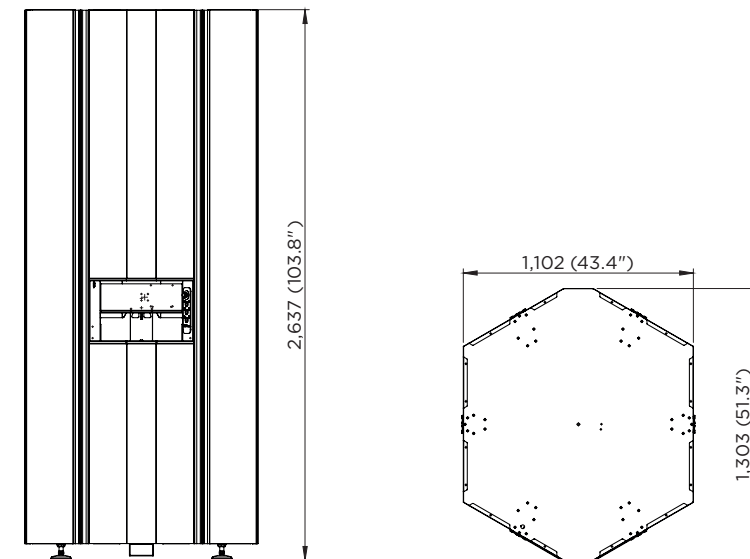
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8 mm/4-7"	56	418
8 mm/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	
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	

MISCELLANEOUS

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

DIMENSIONS



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.



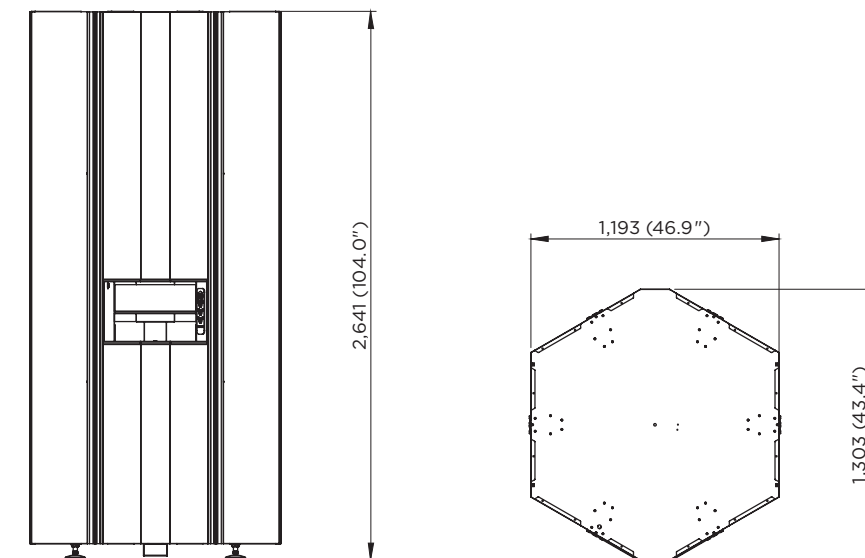
CONFIGURATION

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

MISCELLANEOUS

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

DIMENSIONS



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.



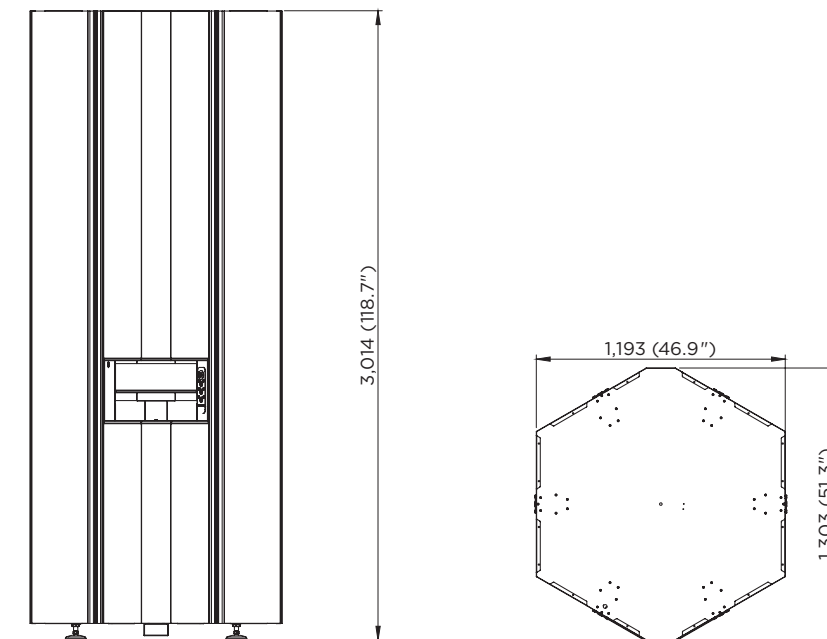
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8 mm/4-7"	392	663
8 mm/15"	28	
12 mm/4-7"	48	
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	

MISCELLANEOUS

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

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 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.



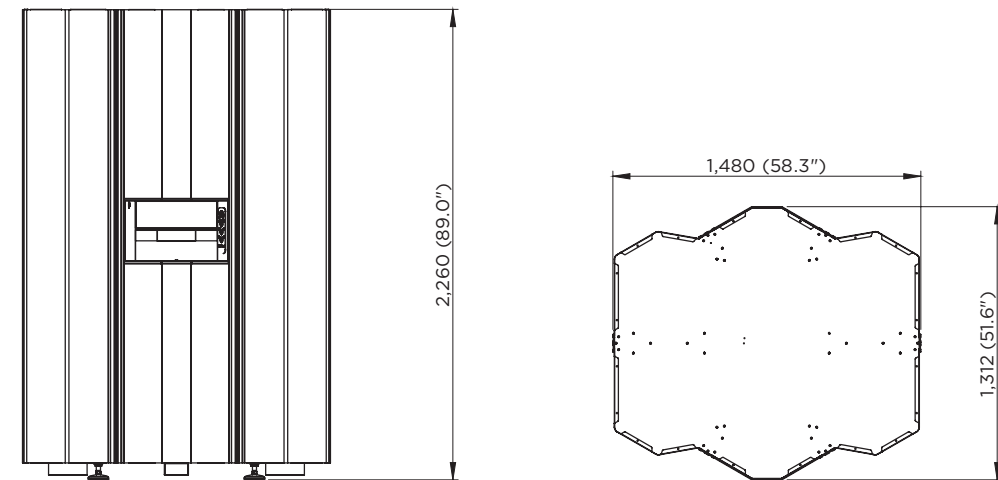
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8 mm/4-7"	280	1,109
8 mm/15"	28	
12 mm/4-7"	240	
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	

MISCELLANEOUS

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

DIMENSIONS



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.



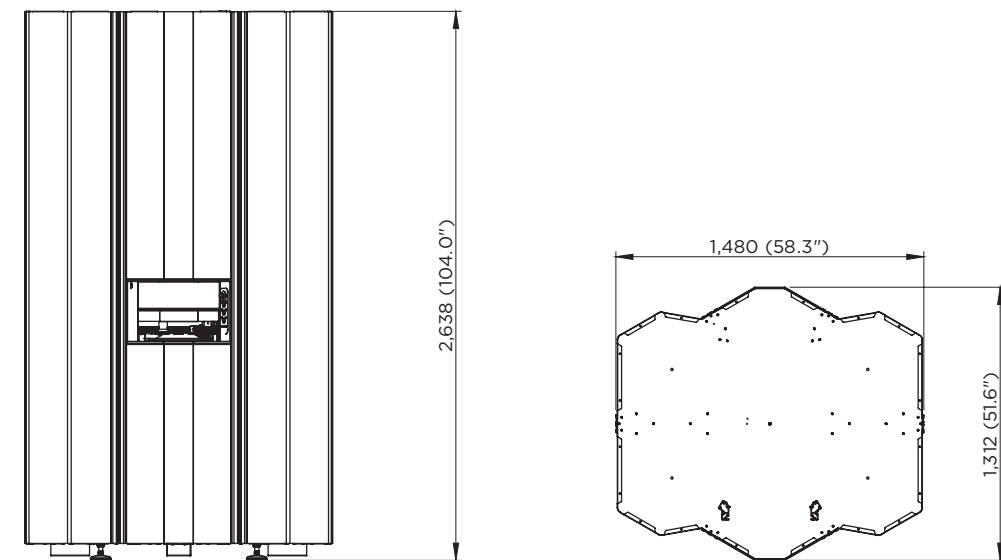
CONFIGURATION

STANDARD CONFIGURATION		
REEL SIZE	NUMBER OF REELS	TOTAL
8 mm/4-7"	280	1,371
8 mm/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	

MISCELLANEOUS

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

DIMENSIONS



SWEDEN
Mycronic AB
PO Box 3141
Nytorpsvägen 9
SE-183 03 Täby
Sweden
Tel: +46 8 638 52 00

CHINA
Mycronic Co., Ltd
Unit 106, E Block
Lane 168, Da Duhe Road.
Putuo District, 200062
Shanghai P.R. China
Tel: +86 21 3252 3785/86

FRANCE
Mycronic S.A.S.
1 rue de Traversière - CS 80045
94513 Rungis Cedex 1
France
Tel: +33 1 41 80 15 80

Vi TECHNOLOGY
Rue de Rochepleine
38120 Saint Egrève
France
Tel: +33 4 7675 8565

GERMANY
Mycronic GmbH
Biberger Straße 93
D-82008 Unterhaching bei München
Germany
Tel: +49 89 4524248-0

JAPAN
Mycronic Technologies KK
Chofu Center Bldg.
1-18-1 Chofugaoka, Chofu-shi
Tokyo 182-0021
Japan
Tel: +81 42 433 9400

NETHERLANDS
Mycronic B.V.
High Tech Campus 10
5656 AE
Eindhoven
Netherlands
Tel: +31 402 62 06 67

SINGAPORE
Mycronic Pte., Ltd.
9 Tagore Lane, #02-08/09
9@Tagore
Singapore 787472
Tel: +65 6281 7997

SOUTH KOREA
Mycronic Co. Ltd.
3rd Floor, Jung-San
Bldg. 1026-8
Sanbon-Dong, Gunpo-Si
Gyeonggi-Do, 15808
South Korea
Tel: +82 31 387 5111

UK
Mycronic Ltd.
Unit 2, Concept Park
Innovation Close
Poole, Dorset, BH12 4QT
UK
Tel: +44 1202 723 585

USA
Mycronic Inc.
554 Clark Road
Tewksbury, MA 01876
USA
Tel: +1 978 667 9449

mycronic.com