



Specifications

MYTower™

March 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 | 5 reels/minute |

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.



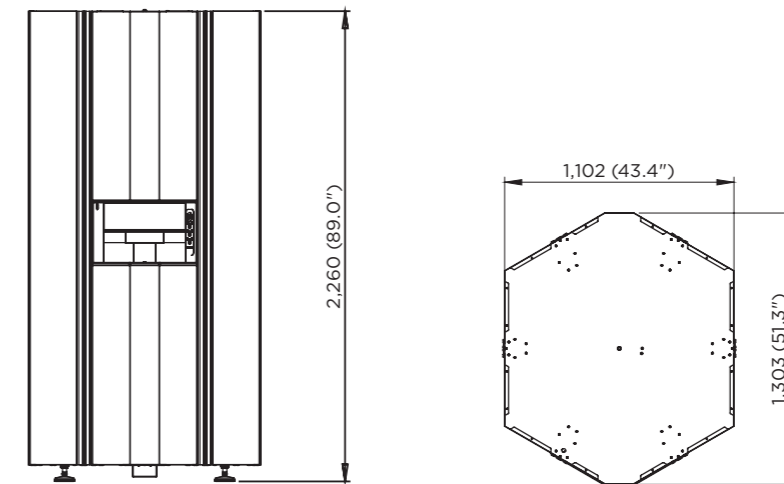
CONFIGURATION

| 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.



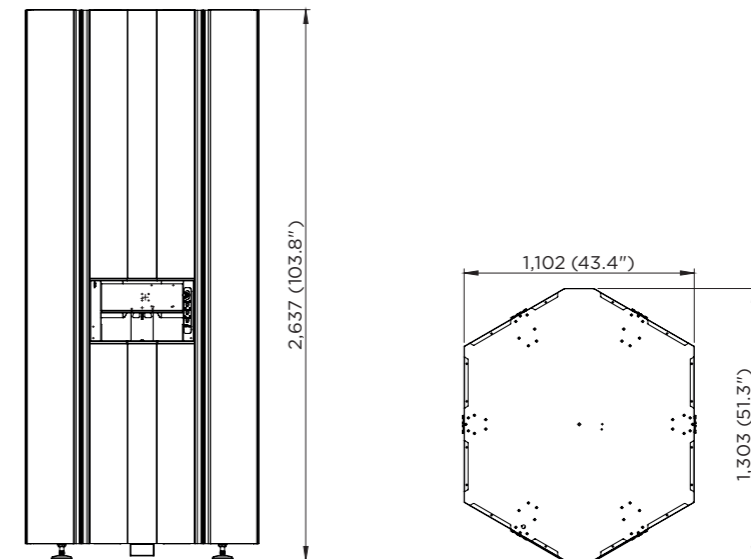
CONFIGURATION

| 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.



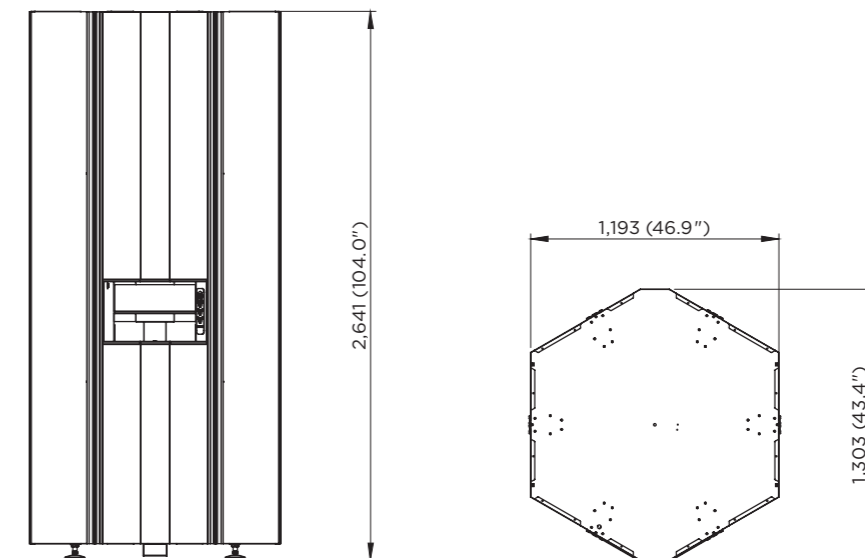
CONFIGURATION

| 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.



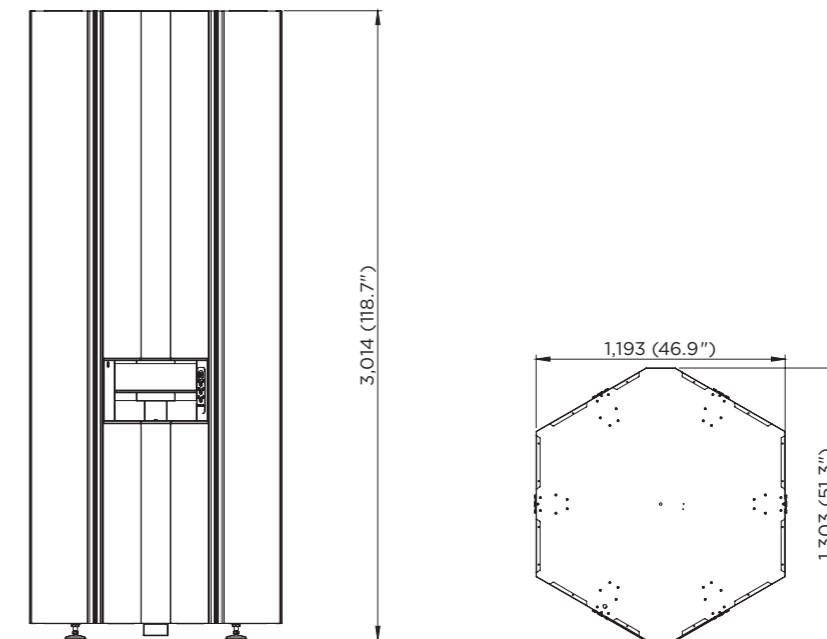
CONFIGURATION

| 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.



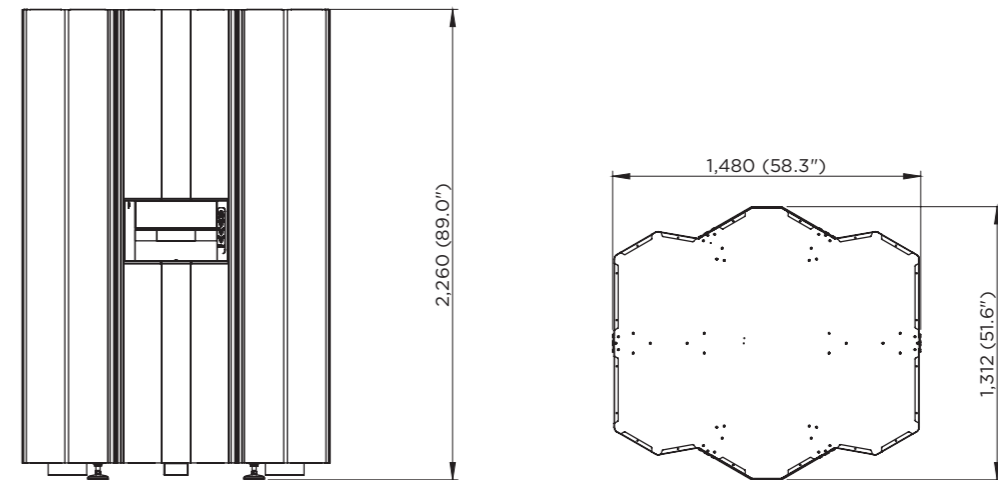
CONFIGURATION

| 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.



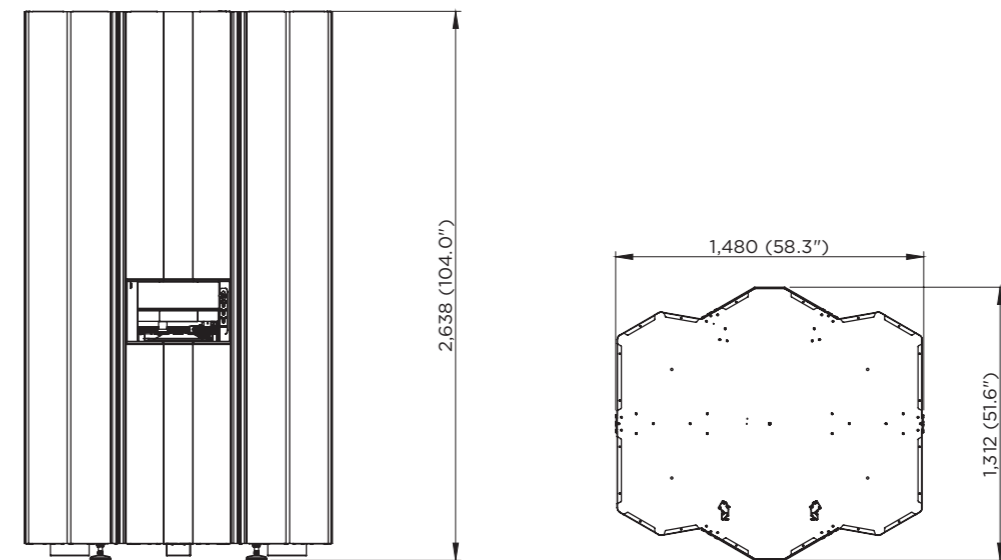
CONFIGURATION

| 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



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