

February 2018

Mycronic SMD Tower™ 8000

Specification



MYCRONIC

When passion meets innovation ●

Specification Mycronic SMD Tower 8000

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) 8 to 56 mm (15"/380 mm reels)
Freely configurable and expandable	
Access time	5 reels/minute typ.

CAPACITY

CASSETTE CAPACITY	
CASSETTE TYPE	NUMBER
4" – 7"	41
15"	41

Smaller reels can be stored in larger cassettes.

MAXIMUM REEL			
REEL WIDTH	CASSETTES / SMD TOWER	REELS / CASSETTE	NUMBER OF REELS
8 mm / 4" – 7"	41	28	1148

MAXIMUM TRAY			
CASSETTE WIDTH	CASSETTES / SMD TOWER	TRAYS / CASSETTE	NUMBER OF TRAYS
44 mm/15"	41	25	1025

STANDARD CONFIGURATION				
REEL WIDTH	CASSETTES / SMD TOWER	REELS / CASSETTE	NUMBER OF REELS	TOTAL
8 mm / 4" – 7"	14	28	392	663
8 mm / 15"	2	14	28	
12 mm / 4" – 7"	2	24	48	
12 mm / 15"	4	12	48	
16 mm / 4" – 7"	1	20	20	
16 mm / 15"	4	10	40	
24 mm / 4" – 7"	0	16	0	
24 mm / 15" ⁽¹⁾	4	8	32	
32 mm / 15" ⁽¹⁾	4	7	28	
44 mm / 15" ⁽¹⁾	3	5	15	
56 mm / 15" ⁽¹⁾	3	4	12	

(1) Compatible to store Agilis Smart boxes

CASSETTES

CASSETTES AVAILABLE		
REEL WIDTH	REEL DIAMETER	
	4"-7"	15" ⁽²⁾
8 mm	•	•
12 mm	•	•
16 mm	•	•
24 mm	•	• ⁽¹⁾
32 mm		• ⁽¹⁾
44 mm		• ⁽¹⁾
56 mm		• ⁽¹⁾

(1) Compatible to store Agilis Smart boxes.

(2) Smaller reels can be stored in larger cassettes.

SOFTWARE

SOFTWARE FUNCTIONS		
	STANDARD MODE	MYCENTER MODE
Component management	•	• ⁽³⁾
Stock monitoring	•	• ⁽³⁾
External communication protocol	•	•
User Access System	•	•
Traceability	•	•
Job preparation	•	• ⁽³⁾
Barcoding	•	• ⁽³⁾
Data import/Export function	•	• ⁽³⁾
Inventory function	•	• ⁽³⁾
Component allocation	•	

(3) 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, 18W
Dimension (W x D x H)	330 mm x 270 mm x 840 mm (13.0" x 10.6" x 33.1")

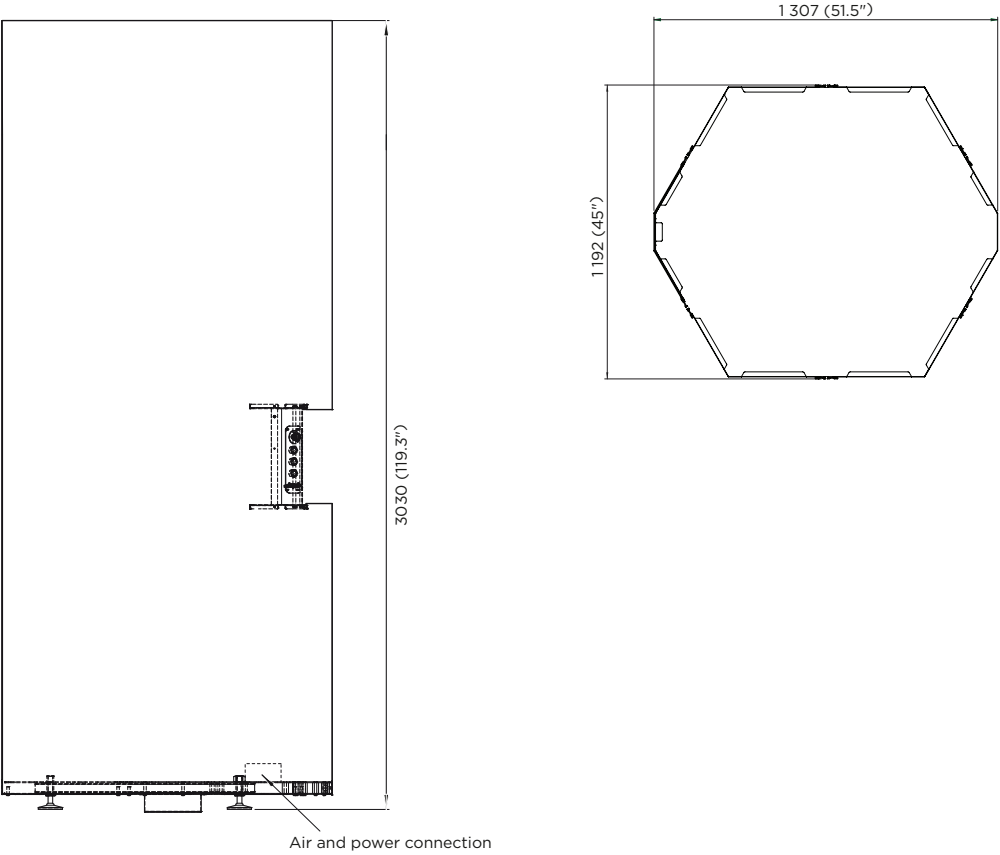
MISCELLANEOUS

INSTALLATION REQUIREMENTS	
Weight	580 kg/1279 lbs
Power requirements	Single phase AC 300 VA
Voltage	115/230 V, 50/60 Hz
Ambient temperature	+18 to +35 °C (65 to 95 °F), < 95% RH non condensing

DIMENSIONS

in mm.

Mycronic SMD Tower 8000



SWEDEN Mycronic AB PO Box 3141 Nytorpsvägen 9 SE-183 03 Täby Sweden Tel: +46 8 638 52 00	GERMANY Mycronic GmbH Tel: +49 89 45 24 24 8-0 UK Mycronic Ltd. Tel: +44 1202 723 585	FRANCE Mycronic S.A.S. Tel: +33 1 41 80 15 80 NETHERLANDS Mycronic B.V. Tel: +31 402 62 06 67	USA Mycronic Inc. Tel: +1 978 948 6919 SOUTH KOREA Mycronic Co. Ltd. Tel: +82 31 387 5111	CHINA Mycronic Co., Ltd. Tel: +86 21 3252 3785/86 SINGAPORE Mycronic Pte Ltd. Tel: +65 6281 7997	JAPAN Mycronic Technologies KK Tel: +81 42 433 9400 www.mycronic.com
--	--	--	--	---	---

Specifications are subject to change without notice.
Mycronic, MYDATA, MYDATA automation and MY; Mycronic 4.0; MYPro, MY100, MY100DX, MY100SX, MY100LX, MY100e, MY100HXe, MY100DXe, MY100SXe, MY100LXe, MY200, MY200HX, MY200DX, MY200SX, MY200LX, MY300, MY300DX, MY300SX, MY300LX, MY500, MY600, MY600JD, MY600JP, MY600JX, MY700, MY700JD, MY700JP, MY700JX and MYSynergy; Mycronic 4.0; MYSmart, MYC50, MYD10, MYD50, MYT10, MYT50; T3, T4, T5 and T6; HYDRA Speedmount, Midas, ISIC, Agilis, Agilis Linear Magazine (ALM), Agilis Linear Magazine Flex (ALM FLEX), Agilis Stick Magazine (ASM), Agilis Tray Magazine (ATM), Mycronic Tray Exchanger (TEX), Mycronic Tape Magazine (TM), Mycronic Tray Wagon Magazine (TWM); Mycronic Dip Unit (DPU); Mycronic SMD Tower; Mycronic Standard Vision System (SVS), Mycronic Dual Vision System (DVS), Mycronic Linescan Vision System (LVS), Mycronic HYDRA Vision System (HVS); Mycronic Assembly Process Management (APM) including: jPSys, TPSys, MYLabel, MYPlan, MYCenter, MYTrace, MYCam, FlowLine and Cad Conversion are registered trademarks or trademarks of Mycronic AB. Mycronic AB is ISO 9001:2015 and ISO 14001:2015 certified.

