

MEPNN Supplier Scouting Opportunity Synopsis

Section 1: General Information

Scouting Number	2025-005
Item to be Scouted	Commercial Dishwasher
Days to be scouted	30
Response Due By	02/07/2025
Description	Conveyor style commercial dishwasher with a drying zone that utilizes vibration technology to allow for items to come off the line completely dry and ready to pack and redistribute. The machine should be water and energy efficient
Notify Requester Immediately	
State item to be used in	Hawaii

Section 2: Technical Information

Type of supplier being sought	Manufacturer
Reason	BABA
Details	To procure a reliable commercial dishwasher to support the washing and sanitizing of the program's reusable containers.
Describe the manufacturing processes (elaborate to provide as much detail as possible)	Mechanical / Electronic Assembly
Provide dimensions / size / tolerances / performance specifications for the item	A conveyor style machine capable of washing and drying ~6000+ cups per hour. Designed for energy and water efficiency. Must be capable of reliably and safely drying plastic utilizing heat, air flow and vibration. see attached document for additional information.
List required materials needed to make the product, including materials of product components	Materials must be able to withstand the wear of the wash facility environment (i.e. humidity).
Are there applicable certification requirements?	No
Are there applicable regulations?	Yes
Details	The Build America Buy America Act
Are there any other standards, requirements, etc.?	No
NAICS 1	333318 Other Commercial and Service Industry Machinery Manufacturing
NAICS 2	
Additional Technical Comments	

Section 4: Business Information

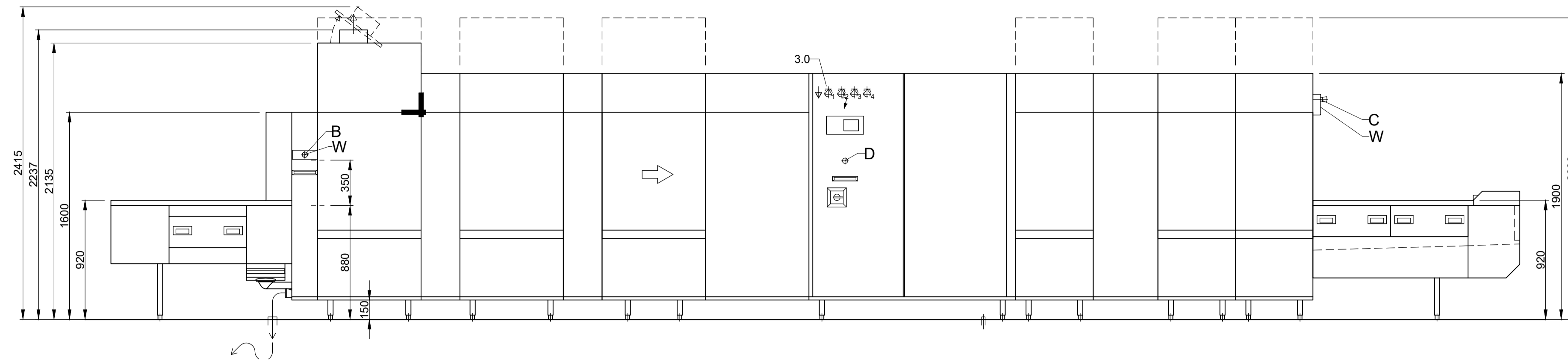
Estimated potential business volume	1 unit needed
Estimated target price / unit cost information (if unavailable explain)	\$316,000
When is it needed by?	July 2025
Describe packaging requirements	Best available. Delivered undamaged. Specifics discussed in negotiation.
Where will this item be shipped?	Hilo, Hawaii

Additional Comments

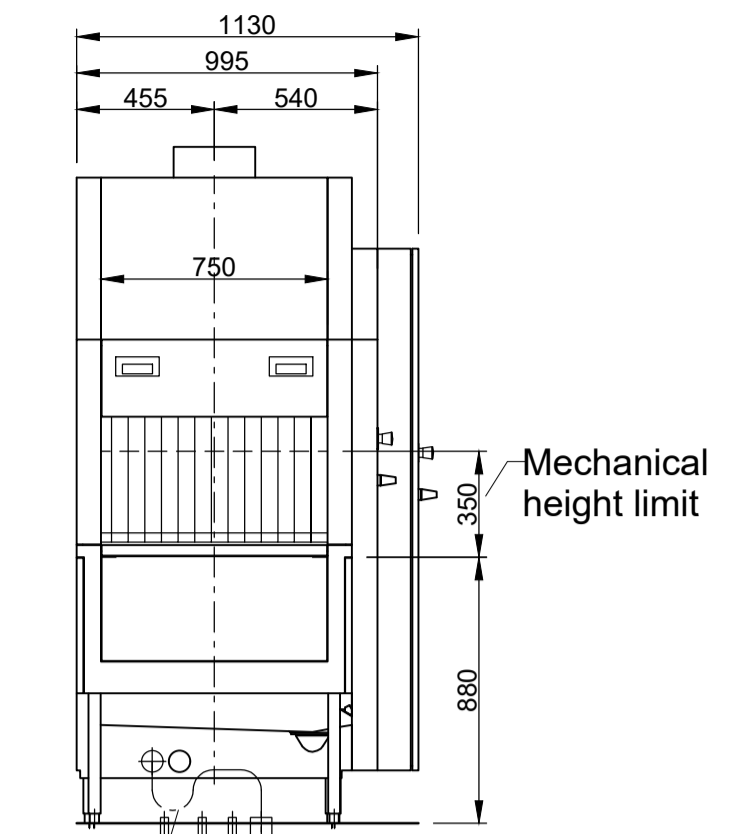
Is there other information you would like to include?

State of Hawaii / County of Hawaii / Environmental Management, Department of

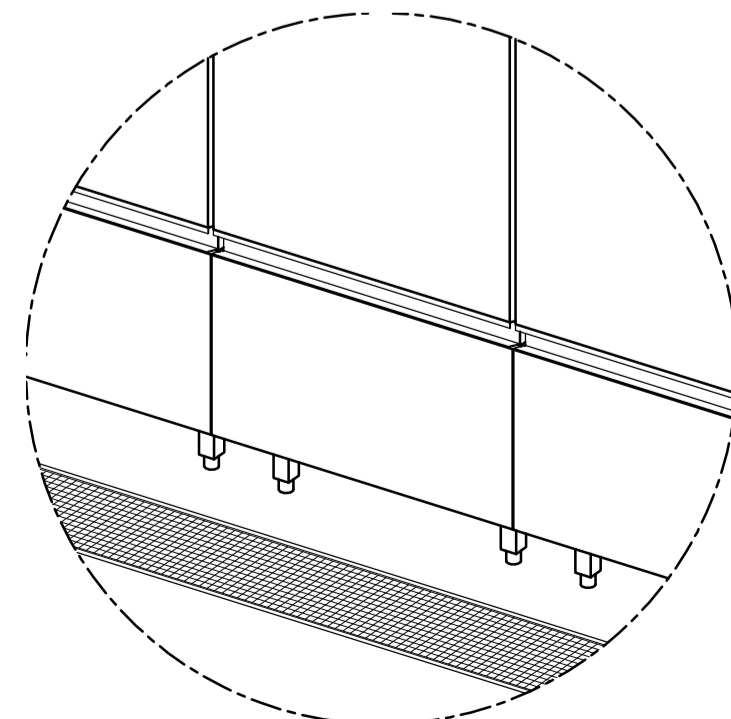
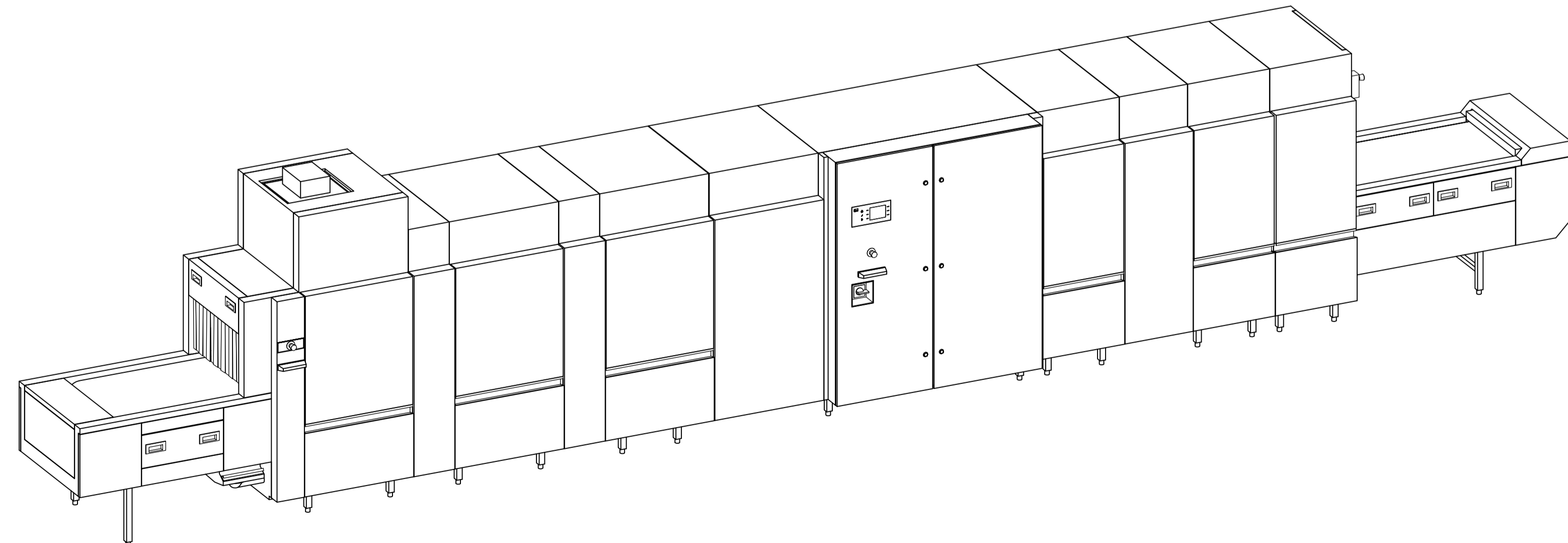
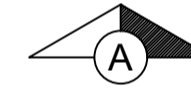
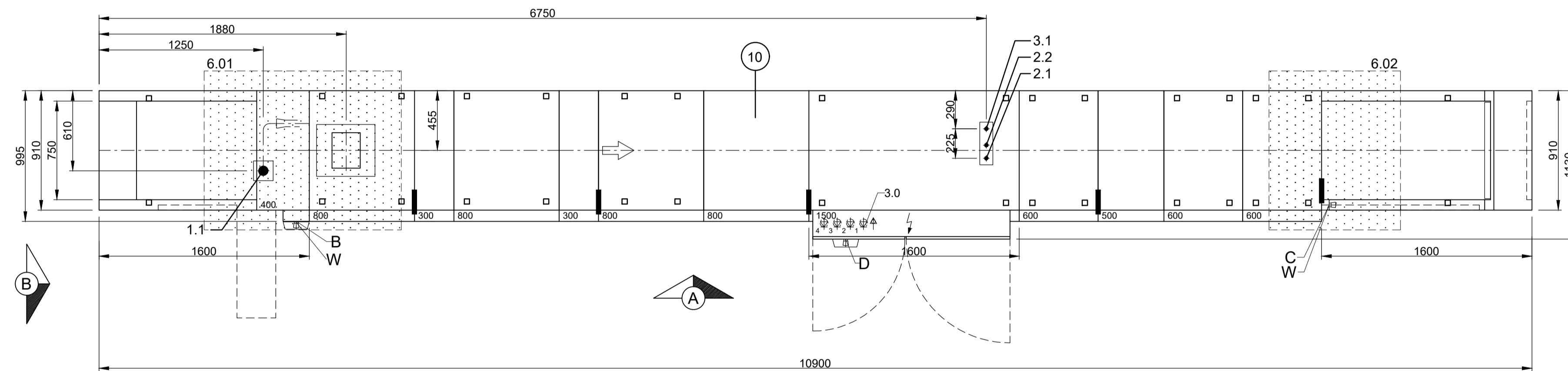
View A



View B



On site odour trap (above or underneath the floor level)



On-site drainage provide in front of the machine!

Item: 10	Type: M-IQ B-M74 V8 N33 P8 N8		
1.1	Drain, on site odour trap, DN 70, Ø 75 a		
2.1	Soft warm water 50°C, DN 20, G 3/4 a max. 0,54 mmol/ CaCO ₃ (max. 3°dH) consumption approx. 288 l for tank filling		
2.2	Soft cold water, max. 12 °C, DN 20, G 3/4 a max. 0,54 mmol/ CaCO ₃ (max. 3°dH) consumption approx. 260 l/h for final rinse		
3.1	Electricity supply to the machine		
3.0	Electrical connection: All connections are 4-wire (3 line, 1 ground, no neutral) Incoming leads must be appropriately sized for electrical supply Individual circuit breaker/disconnects with lockout/tagout strongly recommended (by others)		
	Terminal blocks (T1-4)		
	power supply	rated amps	min supply cond/max breaker
	T1 motors, controls, dryer heat	460V/60Hz/3Ph 38.4 A	50 A
	T2 tank heat, dryer heat	460V/60Hz/3Ph 33.8 A	45 A
	T3 tank heat, dryer heat	460V/60Hz/3Ph 24.4 A	35 A
	T4 tank heat, built in booster	460V/60Hz/3Ph 21.6 A	30 A
		total load	118.2 A
	Electrical supply should be routed into control box from above if possible. Openings in the box for the supply lines are NOT provided and should be executed on-site using appropriate strain relief devices.		
	Equipotential ground lug		
6.0	Heat load of warewash area (Total heat emissions to the warewash area are made up of 6.1, 6.3 and 6.4)		
6.1	Heat emissions from the dishwashing machine (standard operation) in the area of the exhaust air surfaces 6.01 and 6.02: Latent: 6,8 kW, perceptible: 8,3 kW, total: 15,1 kW Distribution of heat emissions to the exhaust air surfaces 6.01 and 6.02: 6.01: approx. 67% 6.02: approx. 33% (Data valid for a fresh water inlet temperature of 12-15 °C)		
6.3	Heat emission from the dishwashing machine in the area of the exhaust air surface 6.03: 6.03 Suction quantity: approx. 105 m ³ /h, temperature: approx. 68 °C, relative humidity: approx. 80 %		
6.4	Heat emission from the washware must be considered separately. We recommend arranging the dimensions of the room ventilation system according to EN 16282. The data in 6.1 is based on an ambient temperature of 22 °C and relative humidity of approx. 55 %.		
	Separation		
	Machine Equipment		
	Main switch		
	Exhaust air heat recovery		
	Drying(s) with air outlet from below (air flow bypass)		
	Vibration system		
	Condensate drain for customer's exhaust air hood		
	Hygiene monitoring		
	(B) Additional emergency stop at feeding tunnel (including protection bumper), operating side		
	(C) Additional emergency stop at the end of the drying section(s), operating side		
	(D) Additional emergency stop at electrical cabinet (including protection bumper)		
	(W) Operating button (symbolic representation)		

Please observe our "Important notes" on installations (see PartnerNet)

Original	12.01.2023	bapa
MEIKO USA, INC. 1349 HEIL QUAKER BLVD. LA VERGNE, TN 37086 UNITED STATES OF AMERICA TEL: (615) 399-6600 FAX: (615) 399-6620 WEB: www.meiko.us © 2017 MEIKO USA, Inc. All rights reserved.		
Reference: MEIKO USA INC. LA VERGNE		Type: B-M74 V8 N33 P8 N8
Drawing-No.: P00036832-LA01	Project-No.: -	Order-No.: -
Scale: 1 : 25	drawn: 12.01.2023 bapa	checked: 12.01.2023 VS
Customer checked:		EN USA A1

Item	Description
10	Plastic cups washing machine B-M74 V8 N33 P8 N8