



# **GOLDEN TEMPLE**



AMRITSAR

## **SPECIFICATIONS FOR** **MODULAR KITCHEN EQUIPMENT**

Dated: 12/08/2014

### **ARCHITECT**

HABITAT ARCHITECTS 1777, MAHARAJ NAGAR, LDH.


### **CLIENT**


SHIROMANI GURDWARA PARBANDHAK COMMITTEE.

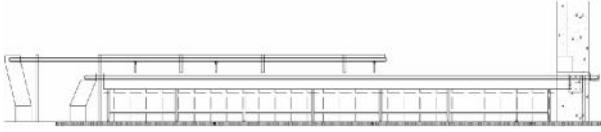


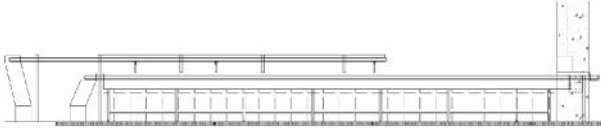



GOLDEN TEMPLE - AMRITSAR				
BILL OF QUANTITY FOR MODULAR KITCHEN EQUIPMENT				
ITEM NO.	QTY	DESCRIPTION	UNIT RATE	AMOUNT
<b>GROUND FLOOR</b>				
<b>WASHING AREA</b>				
K-48	3	SANITIZING & DRYING MACHINE		
K-51	1	FOOD WASTE TREATMENT SYSTEM		
K-61	2	TRAY TRANSPORT CONVEYOR		
K-62	2	TRAY TRANSPORT CONVEYOR		
K-63A	1	FLUSHING TROUGH		

ITEM NO: K-48		SANITIZING & DRYING MACHINE		
QUANTITY: 3				
SIZE				
Width: 6700 mm	Depth: 1020 mm			Height: 2010 mm
CAPACITY	2500-3000 Plates /hr			
M.E.P REQUIREMENT		SPECIFICATIONS		
PLUMBING :		<ul style="list-style-type: none"> <li>• 2 Machines Direction of operation – Right to Left and other 1 Machine direction of operation - Left to Right.</li> <li>• With Dryer.</li> <li>• With Dual Rinse.</li> <li>• Three speed washing.</li> <li>• S.S 304 Interior &amp; Exterior.</li> <li>• With Insulation.</li> <li>• With Single point vent connection.</li> <li>• Built in rinse aid dispenser.</li> <li>• Detergent.</li> <li>• Temperature sensor for temperature sensing.</li> <li>• Heater with thermostat Control.</li> <li>• Unit to be fully automatic wash and rinse cycle with correct temperature indicators for consistent cleaning.</li> <li>• Unit with exhaust.</li> </ul>		
Cold	Ø			NA
Hot	Ø			¾"
Waste	Ø			3"
ELECTRIC :				
Power	68.7 KW.			
Voltage	440-50-3.			
EXHAUST				
1000 CFM (vented with canopy).				
GAS:				
BTU	NA			
Con.	Ø	NA		
ACCESSORIES:		Two (2) sets of strip curtains throughout machine, Power Cord with Plug.		
SPECIAL NOTE:				
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER				
MEIKO		WINTER HALTER		
B 190 P with Dryer		MTF 3-3400 MMM with dryer		

ITEM NO: K-51			FOOD WASTE TREATMENT SYSTEM		
QUANTITY: 1					
SIZE					
Width: 1900 mm	Depth: 700 mm	Height: 1675 mm			
CAPACITY					
Food left -overs up to 450 Kg/h Mixed refuse up to 320 Kg/h					
M.E.P REQUIREMENT			SPECIFICATIONS		
PLUMBING :			<ul style="list-style-type: none"> <li>• Unit consists of a grinding mechanism and a solid waste de watering press.</li> <li>• Easy to clean, the streamlines design for external hygienic and cleanliness.</li> <li>• A removable wire sieve baskets for cleaning of the grinding tank.</li> <li>• De watering press can be turned 90 deg to enable discharge in any three directions.</li> <li>• Fully opened double wall insulated wing doors for total access to all components over the full length of the machine.</li> <li>• Powerful grinding mechanism with tungsten carbide teeth.</li> <li>• Sanitization -- Stainless steel housing of the de- watering press is easily opened to access to perforated sleeve screen.</li> <li>• Warm water rinsing system, prevents the blocking of the perforated sleeve screen through vigorous rinsing at the determined intervals, and all round cleanliness and hygienic standards.</li> <li>• Waste water of the wet garbage unit has to be led through Grease trap according to DIN 4040.</li> <li>• Protection class IP X5.</li> </ul>		
Cold	Ø	¾"			
Hot	Ø	¾"			
Waste	Ø	2"			
ELECTRIC :					
Power	8.7 K.W				
Voltage	440-50-3				
Gas:					
BTU	NA				
Con.	Ø	NA mm			
ACCESSORIES:			Drain Pump, Power cord, Standard Accessories.		
SPECIAL NOTE:					
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER					
MEIKO					
AZP80					

ITEM NO : K-61				TRAY TRANSPORT CONVEYOR			
QUANTITY: 2				<u>Tentative Image</u>  			
SIZE :							
Width: 10600 mm	Depth: 305 mm	Height: 1250 mm					
CAPACITY							
M.E.P REQUIREMENT				SPECIFICATIONS			
PLUMBING :				<ul style="list-style-type: none"> <li>• Unit shall consist of plastic mesh belt.</li> <li>• Top &amp; return side of belt separated by a full sheet metal top pan with access panels to the return track below.</li> <li>• Drive frame all- welded with ss angle 41mm dia 153mm high SS legs &amp; SS adjustable bullet feet.</li> <li>• Drive frame shall be fitted with an 1.27 mm SS housing to enclose drive frame on all sides. Double wall insulated hinged doors provide for access at side or end of frame, sealed with silicon.</li> <li>• Variable speed 0.75 HP motor &amp; gear reducer.</li> <li>• Provide 1.98mm SS bed formed with vertical &amp; horizontal corners coved to a 19.5 mm radius.</li> <li>• Provide lift-off SS skirting to conceal and provide safety barrier located where conveyor is exposed.</li> <li>• Provide Main Control Center containing main disconnect, start-stop, speed control, and indicating lights.</li> </ul>			
Cold	∅						
Hot	∅						
Waste	∅						
ELECTRIC :							
Power	0.75 H.P.						
Voltage	220.50.1 Ph						
Gas:							
BTU	NA						
Con.	∅	NA	mm				
ACCESSORIES:							
SPECIAL NOTE:							
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
AEROWERKS				MEIKO			
CUSTOM BUILT				RF			

ITEM NO : K-62				TRAY TRANSPORT CONVEYOR			
QUANTITY: 2				<u>Tentative Image</u>  			
SIZE :							
Width: 20850 mm	Depth: 305 mm	Height: 860 mm					
CAPACITY							
M.E.P REQUIREMENT				SPECIFICATIONS			
PLUMBING :				<ul style="list-style-type: none"> <li>Unit shall consist of plastic mesh belt.</li> <li>Top &amp; return side of belt separated by a full sheet metal top pan with access panels to the return track below.</li> <li>Drive frame all- welded with ss angle 41mm dia 153mm high SS legs &amp; SS adjustable bullet feet.</li> <li>Drive frame shall be fitted with an 1.27 mm SS housing to enclose drive frame on all sides. Double wall insulated hinged doors provide for access at side or end of frame, sealed with silicon.</li> <li>Variable speed 0.75 HP motor &amp; gear reducer.</li> <li>Provide 1.98mm SS bed formed with vertical &amp; horizontal corners coved to a 19.5 mm radius.</li> <li>Provide lift-off SS skirting to conceal and provide safety barrier located where conveyor is exposed.</li> <li>Provide Main Control Center containing main disconnect, start-stop, speed control, and indicating lights.</li> </ul>			
Cold	∅						
Hot	∅						
Waste	∅						
ELECTRIC :							
Power	0.75 H.P.						
Voltage	220.50.1 Ph						
Gas:							
BTU	NA						
Con.	∅	NA	mm				
ACCESSORIES:							
SPECIAL NOTE:							
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER							
AEROWERKS				MEIKO			
CUSTOM BUILT				RF			

ITEM NO : K-63A				FLUSHING TROUGH					
QUANTITY: 1				<p style="text-align: center;">Tentative Image</p> 					
SIZE									
Width: 5225, 3250 mm (Verify)		Depth: 240 mm						Height: 205 mm	
CAPACITY									
M.E.P REQUIREMENT				SPECIFICATIONS					
PLUMBING :				<ul style="list-style-type: none"> <li>• SS construction.</li> <li>• With pump for waste removal.</li> <li>• Flushing drain pipe sloping towards Food Waste Treatment System AZP80 (Item No. K-51)</li> <li>• Trough attached with Table (Item NO. K-63)</li> </ul>					
Cold	∅	1/2"							
Hot	∅	NA							
Waste	∅	4" Floor Drain							
ELECTRIC :									
Power	0.5 H.P.								
Voltage	NA								
Gas:									
BTU	NA								
Con.	∅	NA	mm						
ACCESSORIES:									
SPECIAL NOTE:									
PREFERRED MAKE AND MODEL IN ALPHABETICAL ORDER									
MEI KO									
CUSTOM BUILT									