



## ***Band Saws***

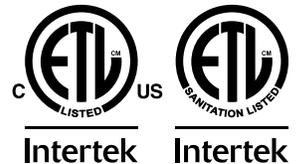
Model BS-CN-2020-S, 2400-S

Items 48786, 48787

## ***Instruction Manual***



*Revised - 05/29/2024*



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Model BS-CN-2020-S / Model BS-CN-2400-S

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## **General Information**

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**Omcan Manufacturing and Distributing Company Inc., Food Machinery of America, Inc. dba Omcan and Omcan Inc. are not responsible for any harm or injury caused due to any person's improper or negligent use of this equipment. The product shall only be operated by someone over the age of 18, of sound mind, and not under the influence of any drugs or alcohol, who has been trained in the correct operation of this machine, and is wearing authorized, proper safety clothing. Any modification to the machine voids any warranty, and may cause harm to individuals using the machine or in the vicinity of the machine while in operation.**

### **CHECK PACKAGE UPON ARRIVAL**

Upon receipt of an Omcan shipment please inspect for external damage. If no damage is evident on the external packaging, open carton to ensure all ordered items are within the box, and there is no concealed damage to the machine. If the package has suffered rough handling, bumps or damage (visible or concealed), please note it on the bill of lading before accepting the delivery and contact Omcan within 24 hours, so we may initiate a claim with the carrier. A detailed report on the extent of the damage caused to the machine must be filled out within three days, from the delivery date shown in the shipping documents. Omcan has no recourse for damaged products that were shipped collect or third party.

**Before operating any equipment, always read and familiarize yourself with all operation and safety instructions.**

**Omcan would like to thank you for purchasing this machine. It's of the utmost importance to save these instructions for future reference. Also save the original box and packaging for shipping the equipment if servicing or returning of the machine is required.**

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**Omcan Fabrication et distribution Compagnie Limité et Food Machinery d'Amérique, dba Omcan et Omcan Inc. ne sont pas responsables de tout dommage ou blessure causé du fait que toute personne ait utilisé cet équipement de façon irrégulière. Le produit ne doit être exploité que par quelqu'un de plus de 18 ans, sain d'esprit, et pas sous l'influence d'une drogue ou d'alcool, qui a été formé pour utiliser cette machine correctement, et est vêtu de vêtements de sécurité appropriés. Toute modification de la machine annule toute garantie, et peut causer un préjudice à des personnes utilisant la machine ou des personnes à proximité de la machine pendant son fonctionnement.**

### **VÉRIFIEZ LE COLIS DÈS RÉCEPTION**

Dès réception d'une expédition d'Omcan veuillez inspecter pour dommages externes. Si aucun dommage n'est visible sur l'emballage externe, ouvrez le carton afin de s'assurer que tous les éléments commandés sont dans la boîte, et il n'y a aucun dommage dissimulé à la machine. Si le colis n'a subi aucune mauvaises manipulations, de bosses ou de dommages (visible ou cachée), notez-le sur le bond de livraison avant d'accepter la livraison et contactez Omcan dans les 24 heures qui suivent, pour que nous puissions engager une réclamation auprès du transporteur. Un rapport détaillé sur l'étendue des dommages causés à la machine doit être rempli dans un délai de trois jours, à compter de la date de livraison indiquée dans les documents d'expédition. Omcan n'a aucun droit de recours pour les produits endommagés qui ont été expédiés ou cueillis par un tiers transporteur.

**Avant d'utiliser n'importe quel équipement, toujours lire et vous familiariser avec toutes les opérations et les**

## ***General Information***

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consignes de sécurité.

Omcan voudrais vous remercier d'avoir choisi cette machine. Il est primordial de conserver ces instructions pour une référence ultérieure. Également conservez la boîte originale et l'emballage pour l'expédition de l'équipement si l'entretien ou le retour de la machine est nécessaire.

Omcan Empresa De Fabricacion Y Distribucion Inc. Y Maquinaria De Alimentos De America, Inc. dba Omcan y Omcan Inc. no son responsables de ningun daño o perjuicio causado por cualquier persona inadecuada o el uso descuidado de este equipo. El producto solo podra ser operado por una persona mayor de 18 años, en su sano juicio y no bajo alguna influencia de droga o alcohol, y que este ha sido entrenado en el correcto funcionamiento de esta máquina, y ésta usando ropa apropiada y autorizada. Cualquier modificación a la máquina anula la garantía y puede causar daños a las personas usando la máquina mientras esta en el funcionamiento.

### **REVISE EL PAQUETE A SU LLEGADA**

Tras la recepcion de un envio Omcan favor inspeccionar daños externos. Si no hay daños evidentes en el empaque exterior, Habra el carton para asegurarse que todos los articulos solicitados estén dentro de la caja y no encuentre daños ocultos en la máquina. Si el paquete ha sufrido un manejo de poco cuidado, golpes o daños (visible o oculto) por favor anote en la factura antes de aceptar la entrega y contacte Omcan dentro de las 24 horas, de modo que podamos iniciar una reclamación con la compañía. Un informe detallado sobre los daños causados a la máquina debe ser llenado en el plazo de tres días, desde la fecha de entrega que se muestra en los documentos de envío. Omcan no tiene ningun recurso por productos dañados que se enviaron a recoger por terceros.

**Antes de utilizar cualquier equipo, siempre lea y familiarizarse con todas las instrucciones de funcionamiento y seguridad.**

Omcan le gustaría darle las gracias por la compra de esta máquina. Es de la mayor importancia para salvar estas instrucciones para futuras consultas. Además, guarda la caja original y el embalaje para el envío del equipo si servicio técnico o devolución de la máquina que se requiere.

## ***Safety and Warranty***

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### **WARNING**

Please use the machine according to these instructions. The user should understand all rules, please carefully read it before you operate the machine. The machine may be hazardous if the user removes or changes the safety equipment of the machine. We are not responsible for any injuries or fatalities caused by the improper operation of the machine.



# Safety and Warranty

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## ADDITIONAL NOTICES

1. When installing, pay extra attention to the saw direction, the teeth of the blade need to face the correct direction.
2. The scraper must be positioned correctly with the saw blade, it must not be touching the blade or it will make more noise and reduce to the life of the blade.
3. When you open the door of machine, the machine will stop by itself, however, the blade will still be moving for a short while, please not touch the blade while it is moving.
4. When using this machine, we advised that you use safety gloves at all times.
5. Do not use the saw without protective equipment, and take extra care when cutting smaller cuts of meat. Not following safety can cause serious harm or even death.

**RESIDENTIAL USERS: vendor assumes no liability for parts or labor coverage for component failure or other damages resulting from installation in non-commercial or residential applications. The right is reserved to deny shipment for residential usage; if this occurs, you will be notified as soon as possible.**

## 1 YEAR PARTS AND LABOUR BENCH WARRANTY

Within the warranty period, contact Omcan Inc. at 1-800-465-0234 to schedule a drop off to either an Omcan authorized service depot in the area, or to an Omcan Service warehouse to repair the equipment.

Unauthorized maintenance will void the warranty. Warranty covers electrical and part failures, not improper use.

Please see <https://omcan.com/disclaimer> for complete info.

## WARNING:

The packaging components are classified as normal solid urban waste and can therefore be disposed of without difficulty.

In any case, for suitable recycling, we suggest disposing of the products separately (differentiated waste) according to the current norms.

**DO NOT DISCARD ANY PACKAGING MATERIALS IN THE ENVIRONMENT!**

# Technical Specifications

Model	BS-CN-2020-S	BS-CN-2400-S
Item Number	48786	48787
Material for Body and Table	Stainless Steel	
Material for Wheel	Stainless Steel	
Diameter of Wheel	9.8" / 250mm	11.8" / 300mm
Length of Blade	79.5" / 2020mm	94.5" / 2400mm
Max Cutting Height	12" / 304mm	14" / 355mm
Max Cutting Thickness	8" / 202mm	9.9" / 252mm
Size of Table (LWH)	22.2" x 26.3" / 565 x 668mm	30.2" x 29.1" / 767 x 738mm
Material of Blade	High Carbon Steel	
Speed of Blade	18.8m/s	22.6m/s
Motor Speed	1400 rpm	
Electrical	110-120V / 60Hz / 1	
Power	1.5 kW	2.2 kW
Net Weight	265.4 lbs. / 120.4 kgs.	310.9 lbs. / 141 kgs.
Packaging Weight	340.8 lbs. / 154.6 kgs.	409 lbs. / 185.5 kgs.
Dimensions	23.5" x 26.5" x 62.4" 596 x 674 x 1585mm	31.5" x 29.3" x 68.2" 801 x 743 x 1732mm
Packaging Dimensions	26.9" x 30" x 67.7" 684 x 762 x 1720mm	34.4" x 32.3" x 73.2" 875 x 820 x 1859mm

## Installation

The machine is securely packaged, please put it in stable and level location when assembling or disassembling the machine. The machine should be placed on a steady and flat surface, if not, you can adjust the rubber feet. Please ensure the voltage and power are the same as the rating label, ensure it is either single phase or three phase and that it is grounded. Please check that the power line is long enough to reach the socket while ensuring the power cord has enough slack. When the machine is opened by the user, please inspect the saw belt length on the top and bottom block, it must be parallel with edge on the block.

Close the machine's door, please connect with the electric line and turn on the green switch, and then the machine will operate. If you press the red switch, the machine will stop operation.

## ***Operation***

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This machine comes with a blade capable of cutting frozen meat and bones. If you need to cut fresher meat or meat without bones, the appropriate saw blade must be chosen. This machine should be operated according to this manual. Service life of saw blade depends on the stuff it cuts and the pressure. Usually, it has a standard life of 1000kg to 2000kg. However, if the machine is used to cut meat without the bone, the blade will have longer life. Please read the manual and operate it according to the manual before using it. When the door of machine is open, or there are no security push devices (if included) or the saw blade protection device is removed, do not use the machine.

### **OPERATION INSTRUCTIONS**

Please push the meat with the push handle using your left hand. Catch the cut meat with your right hand and repeat as necessary. Do not cut meat if it gets too small. Never push the meat with your hands.

When you turn off the machine, wait until all move parts have stopped completely, carefully remove all excess meat from the saw.

When the machine is operating, do not change the cutting direction in order to avoid damaging the saw blade. The machine can be dangerous if parts become damaged, be sure to follow all safety advice.

## ***Maintenance***

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### **REPLACING THE SAW BLADE**

When you replace the saw blade, please loosen it by turning the blade knob counter-clockwise. When installing a new blade, please pay attention to the direction or the blade will break off from the machine, make sure that the blade is installed between the top wheel, bottom pulley and middle plate and pass through the grooved guide.

### **ADJUSTING THE SAW BLADE**

In order to make the machine work best, it must be aligned properly with the round wheel. If it is not aligned, it must be adjusted with the slope knob. You can loosen the nut in order to loosen the slope knob. When you tighten the knob, the blade will move backward, when it is loosened, the blade will move forward. Operate the machine by tightening or loosening the knob, doing so will make the error of installation minimal. Always adjust by hand. Once the blade has been adjusted, ensure the blade moves as intended before operating the machine.

### **CLEANING**

Always remove the plug from the power source before cleaning the machine. Open the door of machine, and remove the blade. Loosen the scraper protection knob in order to take off the scraper. Always clean the

# ***Maintenance***

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machine with hot water and a hard brush. Also use a wet cloth and hot water to wash the main spare parts, belt and protective devices. Finally, please wipe dry the machine with a dry cloth. Pay special attention to clean the dead angle, wheel, chain wheel and bottom parts. In order to take out the bolt from the wheel, loosen by turning it clockwise and then remove it. Ensure no water comes into contact with the electrical components.

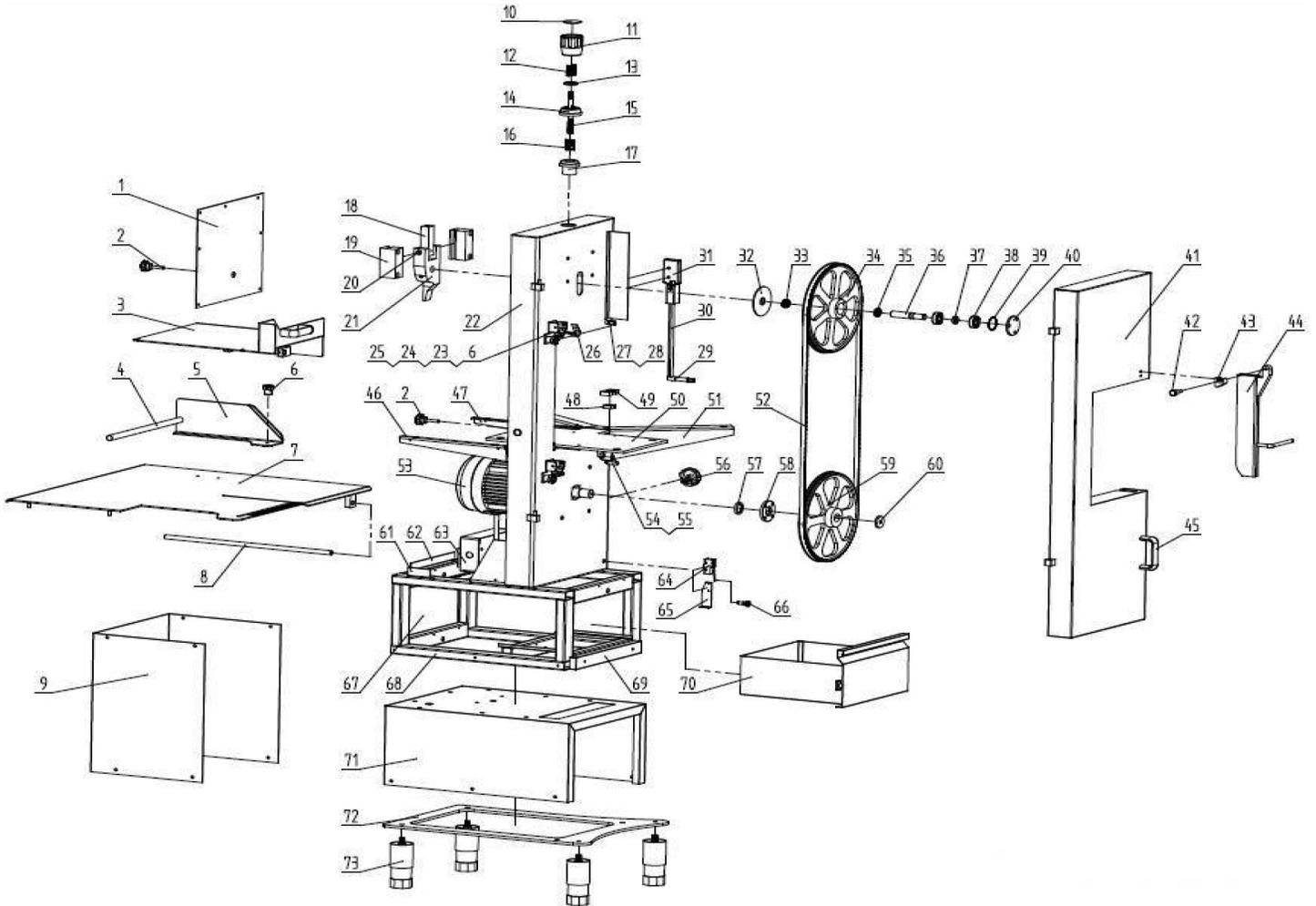
## **MAINTENANCE**

After working for 200 hours, we advised that the machine need put some lubricating oil on the guide apparatus of tightening device. When lubricating, please take off the tightening device, oil the spring and thread line. We suggest to replace the wheel bearing after using for 5000 hours.

# Parts Breakdown

**Model BS-CN-2020-S** 48786

**Model BS-CN-2400-S** 48787



# Parts Breakdown

## Model BS-CN-2020-S 48786

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
AQ245	Cover Plate for 48786	1	AQ270	Angle Block for 48786	26	AQ295	Support Plate for 48786	51
AQ246	Handle for 48786	2	AQ271	Guiding Shaft for 48786	27	Call for Options	Bandsaw Blade for 48786	52
AQ247	Sliding Countertops for 48786	3	AQ272	Guide Plate for 48786	28	AQ297	Motor for 48786	53
AQ248	Lock Ring Axis for 48786	4	AQ273	Guiding Shaft (Circle) for 48786	29	AQ298	Meat Scraper Seat for 48786	54
AQ249	Lock Ring Plate for 48786	5	AQ274	Sliding Square Track for 48786	30	AQ299	Meat Scraper for 48786	55
AQ250	Knob for 48786	6	AQ275	Mobile Protective Cover for 48786	31	AQ300	Handle for 48786	56
AQ251	Table-Board for 48786	7	AQ276	Manger Board for 48786	32	AQ301	Skeleton Oil Seal for 48786	57
AQ252	Sliding Countertops Axis for 48786	8	AQ277	Pressure Spring for 48786	33	AQ302	Waterproof Flange for 48786	58
AQ253	Back Frame for 48786	9	AQ278	Belt Wheel 1 for 48786	34	AQ303	Belt Wheel 2 for 48786	59
AQ254	Cover for 48786	10	AQ279	Oil Seal for 48786	35	AQ304	Washer for 48786	60
AQ255	Adjusting Handle for 48786	11	AQ280	Axis for 48786	36	AQ305	Baseboard for 48786	61
AQ256	Spring for 48786	12	AQ281	Spacer for 48786	37	AQ306	Angle Steel for 48786	62
AQ257	End Cover for 48786	13	AQ282	Bearing for 48786	38	AQ307	Electrical Box for 48786	63
AQ258	Sheath for 48786	14	AQ283	O-Rings for 48786	39	AQ308	Micro Switch for 48786	64
AQ259	Mandrel for 48786	15	AQ284	Gland 1 for 48786	40	AQ309	Micro Switch Bracket for 48786	65
AQ260	Spring for 48786	16	AQ285	Door Closure for 48786	41	AQ310	Control Button for 48786	66
AQ261	Tension Guide Bush for 48786	17	AQ286	Spindle for 48786	42	AQ311	Side Panel 2 for 48786	67
AQ262	Hanging Block for 48786	18	AQ287	Protect Tooth Holder for 48786	43	AQ312	Seat with Drawer for 48786	68
AQ263	Block Cover for 48786	19	AQ288	Protect Tooth Plate for 48786	44	AQ313	Front Side Panel for 48786	69
AQ264	Sliding Shaft for 48786	20	AQ289	Handle for 48786	45	AQ314	Drawer for 48786	70
AQ265	Slider for 48786	21	AQ290	Angle Iron Right for 48786	46	AQ315	Undercover for 48786	71
AQ266	Body for 48786	22	AQ291	Angle Iron for 48786	47	AQ316	Baseboard for 48786	72
AQ267	Holder for 48786	23	AQ292	Nylon Block for 48786	48	AQ317	Mat for 48786	73
AQ268	Cleaning Shell for 48786	24	AQ293	Guide Block (Square) for 48786	49			
AQ269	Clean Sheet for 48786	25	AQ294	Table-Board Support for 48786	50			

# Parts Breakdown

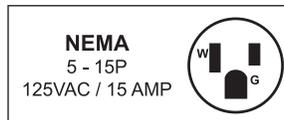
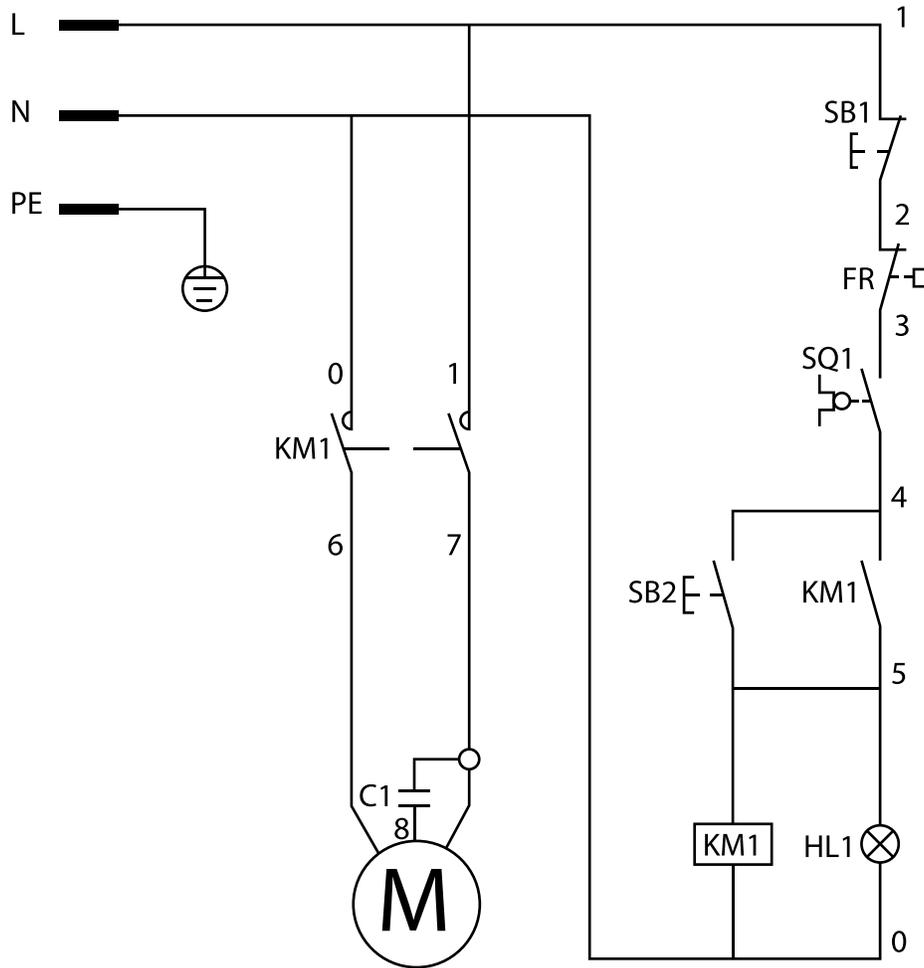
## Model BS-CN-2400-S 48787

Item No.	Description	Position	Item No.	Description	Position	Item No.	Description	Position
AQ318	Cover Plate for 48787	1	AQ343	Angle Block for 48787	26	AQ368	Support Plate for 48787	51
AQ319	Handle for 48787	2	AQ344	Guiding Shaft for 48787	27	Call for Options	Bandsaw Blade for 48787	52
AQ320	Sliding Countertops for 48787	3	AQ345	Guide Plate for 48787	28	AQ370	Motor for 48787	53
AQ321	Lock Ring Axis for 48787	4	AQ346	Guiding Shaft (Circle) for 48787	29	AQ371	Meat Scraper Seat for 48787	54
AQ322	Lock Ring plate for 48787	5	AQ347	Sliding Square Track for 48787	30	AQ372	Meat Scraper for 48787	55
AQ323	Knob for 48787	6	AQ348	Mobile Protective Cover for 48787	31	AQ373	Handle for 48787	56
AQ324	Table-Board for 48787	7	AQ349	Manger Board for 48787	32	AQ374	Skeleton Oil Seal for 48787	57
AQ325	Sliding Countertops Axis for 48787	8	AQ350	Pressure Spring for 48787	33	AQ375	Waterproof Flange for 48787	58
AQ326	Back Frame for 48787	9	AQ351	Belt Wheel 1 for 48787	34	AQ376	Belt Wheel 2 for 48787	59
AQ327	Cover for 48787	10	AQ352	Oil Seal for 48787	35	AQ377	Washer for 48787	60
AQ328	Adjusting Handle for 48787	11	AQ353	Axis for 48787	36	AQ378	Baseboard for 48787	61
AQ329	Spring for 48787	12	AQ354	Spacer for 48787	37	AQ379	Angle Steel for 48787	62
AQ330	End Cover for 48787	13	AQ355	Bearing for 48787	38	AQ380	Electrical Box for 48787	63
AQ331	Sheath for 48787	14	AQ356	O-Rings for 48787	39	AQ381	Micro Switch for 48787	64
AQ332	Mandrel for 48787	15	AQ357	Gland 1 for 48787	40	AQ382	Micro Switch Bracket for 48787	65
AQ333	Spring for 48787	16	AQ358	Door Closure for 48787	41	AQ383	Control Button for 48787	66
AQ334	Tension Guide Bush for 48787	17	AQ359	Spindle for 48787	42	AQ384	Side Panel 2 for 48787	67
AQ335	Hanging Block for 48787	18	AQ360	Protect Tooth Holder for 48787	43	AQ385	Seat with Drawer for 48787	68
AQ336	Block Cover for 48787	19	AQ361	Protect Tooth Plate for 48787	44	AQ386	Front Side Panel for 48787	69
AQ337	Sliding Shaft for 48787	20	AQ362	Handle for 48787	45	AQ387	Drawer for 48787	70
AQ338	Slider for 48787	21	AQ363	Angle Iron Right for 48787	46	AQ388	Undercover for 48787	71
AQ339	Body for 48787	22	AQ364	Angle Iron for 48787	47	AQ389	Baseboard for 48787	72
AQ340	Holder for 48787	23	AQ365	Nylon Block for 48787	48	AQ390	Mat for 48787	73
AQ341	Cleaning Shell for 48787	24	AQ366	Guide Block (Square) for 48787	49			
AQ342	Clean Sheet for 48787	25	AQ367	Table-Board Support for 48787	50			

# Electrical Schematics

**Model BS-CN-2020-S** 48786

**Model BS-CN-2400-S** 48787



Description	Position	Description	Position	Description	Position
Running Capacitor	C1	Contactors	KM1	Starting Capacitor	SB2
Overload Protection	FR	Motor	M	Door Switch	SQ1
Indicator Light	HL1	Stop Button	SB1		







# Warranty Registration

Thank you for purchasing an Omcan product. To register your warranty for this product, complete the information below, tear off the card at the perforation and then send to the address specified below. You can also register online by visiting:

Merci d'avoir acheté un produit Omcan. Pour enregistrer votre garantie pour ce produit, complétez les informations ci-dessous, détachez la carte au niveau de la perforation, puis l'envoyer à l'adresse spécifiée ci-dessous. Vous pouvez également vous inscrire en ligne en visitant:

Gracias por comprar un producto Omcan usted. Para registrar su garantía para este producto, complete la información a continuación, cortar la tarjeta en la perforación y luego enviarlo a la dirección indicada a continuación. También puede registrarse en línea en:

<https://omcan.com/warranty-registration/>

For mailing in Canada

Pour postale au Canada

Por correo en Canadá

**OMCAN**

PRODUCT WARRANTY REGISTRATION

3115 Pepper Mill Court,  
Mississauga, Ontario  
Canada, L5L 4X5

For mailing in the US

Pour diffusion aux États-Unis

Por correo en los EE.UU.

**OMCAN**

PRODUCT WARRANTY REGISTRATION

4450 Witmer Industrial Estates, Unit 4,  
Niagara Falls, New York  
USA, 14305

*or email to: [service@omcan.com](mailto:service@omcan.com)*



Purchaser's Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Province or State: \_\_\_\_\_ Postal or Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Dealer from which Purchased: \_\_\_\_\_

Dealer City: \_\_\_\_\_ Dealer Province or State: \_\_\_\_\_

Invoice: \_\_\_\_\_

Model Name: \_\_\_\_\_ Model Number: \_\_\_\_\_

Machine Description: \_\_\_\_\_

Date of Purchase (MM/DD/YYYY): \_\_\_\_\_

Would you like to extend the warranty?  Yes  No

Company Name: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Type of Company:

Restaurant  Bakery  Deli

Butcher  Supermarket  Caterer

Institution (specify): \_\_\_\_\_

Other (specify): \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date of Installation (MM/DD/YYYY): \_\_\_\_\_

**Thank you for choosing Omcan | Merci d'avoir choisi Omcan | Gracias por elegir Omcan**



Since 1951 Omcan has grown to become a leading distributor of equipment and supplies to the North American food service industry. Our success over these many years can be attributed to our commitment to strengthen and develop new and existing relationships with our valued customers and manufacturers. Today with partners in North America, Europe, Asia and South America, we continually work to improve and grow the company. We strive to offer customers exceptional value through our qualified local sales and service representatives who provide convenient access to over 6,500 globally sourced products.

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Depuis 1951 Omcan a grandi pour devenir un des "leaders" de la distribution des équipements et matériel pour l'industrie des services alimentaires en Amérique du Nord. Notre succès au cours de ces nombreuses années peut être attribué à notre engagement à renforcer et à développer de nouvelles et existantes relations avec nos clients et les fabricants de valeur. Aujourd'hui avec des partenaires en Amérique du Nord, Europe, Asie et Amérique du Sud, nous travaillons continuellement à améliorer et développer l'entreprise. Nous nous efforçons d'offrir à nos clients une valeur exceptionnelle grâce à nos ventes locales qualifiées et des représentants de service qui offrent un accès facile à plus de 6500 produits provenant du monde entier.

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Desde 1951 Omcan ha crecido hasta convertirse en un líder en la distribución de equipos y suministros de alimentos en América del Norte industria de servicios. Nuestro éxito en estos años se puede atribuir a nuestro compromiso de fortalecer y desarrollar nuevas relaciones existentes con nuestros valiosos clientes y fabricantes. Hoy con socios de América del Norte, Europa, Asia y América del Sur, que trabajan continuamente para mejorar y crecer la empresa. Nos esforzamos por ofrecer a nuestros clientes valor excepcional a través de nuestro local de ventas y representantes de los servicios que proporcionan un fácil acceso a más de 6,500 productos con origen a nivel mundial.

