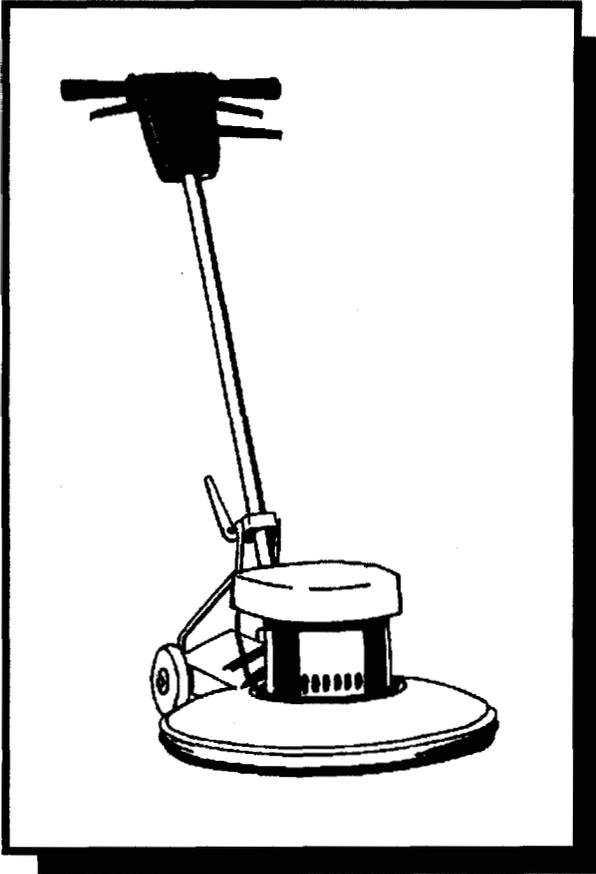


M17XI

HIGH SPEED BURNISHER



MODEL: M17XI

Operating Instructions (ENG)
Instrucciones de manejo (ESP)
Mode d'emploi (FR)
Bedienungsanweisung (GER)
Mode de Emploi (ITA)

QUEST ... for Continuous Improvement.
Windsor's Quality Management System is Certified ISO 9001.



Read instructions before operating the machine.

Antes de usar la maquina lea atentamente el libro de instrucciones.

Lire attentivement le mode d'emploi avant la mise en service de la machine.

Vor Inbetriebnahme der Maschine Bedienungsanweisung lesen.

Leggere queste istruzioni prima di usare la macchina.

B

M17XI 98515 10/18/99



CLICK TO ORDER PARTS

MACHINE DATA LOG/OVERVIEW

MODEL _____
DATE OF PURCHASE _____
SERIAL NUMBER _____
SALES REPRESENTATIVE # _____
DEALER NAME _____
OPERATIONS GUIDE NUMBER _____
PUBLISHED _____
Copyright 1995 Windsor Industries, Printed in USA

YOUR DEALER	
Name:	_____
Address:	_____
Phone Number:	_____

HOW TO USE THIS MANUAL

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized Windsor dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

MODEL _____
DATE OF PURCHASE _____
SERIAL NUMBER _____
SALES REPRESENTATIVE # _____
DEALER NAME _____
OPERATIONSGUIDE NUMBER _____
PUBLISHED _____
<small>Copyright 1995 Windsor Industries, Printed in USA</small>

The model and serial number of your machine is on the bottom back-end of the machine.

The SAFETY section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards is identified that could result in product or personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF** – column refers to the reference number on the parts illustration.
- **PART NO.** – column lists the part number for the part.
- **QTY** – column lists the quantity of the part used in that area of the machine.
- **DESCRIPTION** – column is a brief description of the part.
- **SERIAL NO. FROM** – column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine. The main illustration shows the most current design of the machine. The boxed illustrations show older designs.
- **NOTES** – column for information not noted by the other columns.

NOTE: *If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.*

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HOW TO USE THIS MANUAL

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IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precaution must always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.



To reduce the risk of fire, electric shock, or injury:

Connect to a **properly** grounded outlet. See Grounding Instructions.

Use only indoors. **Do not** use outdoors or expose to rain.

During operation, attention shall be paid to other persons, especially children.

Use only as described in this manual. Use only manufacturer's recommended components and attachments.

Do not use with damaged cord or plug. Follow all instructions in this manual concerning grounding the machine.

If the machine is **not working properly**, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners.

Do not pull/run machine over cord. **Keep** cord away from heated surfaces.

Do not unplug machine by pulling on cord. To unplug, grasp the plug, not the cord.

Do not handle the plug or machine with wet hands.

Do not operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

Machine can cause a fire when operating near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.

When leaving unattended, switch off or lock the main power switch to prevent unauthorized use.

When leaving unattended, secure against unintentional movement.

This machine **is not** suitable for picking up hazardous dust.

This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for more than normal housekeeping purposes.

Maintenance and repairs **must be done** by qualified personnel.

The machine shall only be operated by instructed and authorized persons.

SAVE THESE INSTRUCTIONS

INSTRUCCIONES IMPORTANTES PARA SU SEGURIDAD

Durante la utilización de un dispositivo eléctrico hay que tener en cuenta una serie de medidas básicas de precaución, que incluyen las siguientes:



Para reducir el riesgo de incendios, descargas eléctricas o lesiones:

Nodeje nunca el aparato conectado a la red. Después de su uso y antes de cualquier revisión o reparación, desconecte el aparato de la toma de corriente. No use nunca el aparato al aire libre ni sobre superficies húmedas.

No permita que se utilice el aparato como un juguete. Hay que prestar especial atención al utilizarlo en las cercanías de niños.

Utilizar el aparato solo como se describe en este manual. Emplear exclusivamente los accesorios recomendados por el fabricante. No poner en marcha el aparato con un cable eléctrico deteriorado. Si el aparato no funciona como debería, si se ha caído, dañado, si ha permanecido al aire libre o si se ha caído al agua, diríjase a un taller de servicio.

No tire del aparato ni lo transporte utilizando el cable eléctrico; no use el cable a modo de asa, ni cierre una puerta con el cable pillado; no tienda el cable en torro a aristas vivas o esquinas.

No pase con el aparato por encima del cable. Mantenga el cable siempre lejos de superficies calientes. No desconecte el enchufe de la red tirando del cable. Para desconectar el aparato hay que tirar del enchufe, no del cable.

No maneje el enchufe ni el aparato con las manos húmedas.

No introduzca ningún objeto en las aberturas del aparato.

No utilice el aparato mientras está bloqueada una de las aberturas; evite la penetración de polvo, hilachas, pelos o cualquier objeto que pueda inhibir la circulación del aire.

Mantenga su cabello, la ropa suelta, los dedos y todas las partes de su cuerpo alejadas de las aberturas y piezas en movimiento. No utilice el aspirador para recoger cuerpos en llamas o humeantes, tales como cigarrillos, cerillas o cenizas calientes.

Desconecte todos los interruptores antes de desenchufar el aspirador.

No utilice el aspirador para recoger líquidos inflamables o combustibles, tales como gasolina, ni maneje el aspirador en zonas donde pueda haber líquidos de este tipo.

CONSERVE ESTAS INSTRUCCIONES A MANO

IMPORTANTES MESURES DE SECURITE

L'utilisation d'un appareil électrique demande certaines précautions:

LIRE TOUTES INSTRUCTIONS AVANT DE FAIRE FONCTIONNER (CET APPAREIL)



Pour réduire les risques d'incendie, de choc électrique ou de blessure:

Cet appareil ne doit être connecté qu'à des prises ayant une sortie de terre. Se reporter aux instructions de mise à la terre.

Ne pas laisser l'appareil sans surveillance lorsqu'il est branché. Débrancher lorsque l'appareil n'est pas utilisé et avant l'entretien.

Avertissement. Pour réduire les risques de choc électrique, ne pas utiliser à l'extérieur et ne pas aspirer de matières humides.

Ne pas permettre aux enfants de jouer avec l'appareil. Une attention particulière est nécessaire lorsque l'appareil est utilisé par des enfants ou à proximité de ces derniers.

N'utiliser que conformément à cette notice avec les accessoires recommandés par le fabricant.

Ne pas utiliser si le cordon ou la fiche est endommagé. Retourner l'appareil à un atelier de réparation s'il ne fonctionne pas bien, s'il est tombé ou s'il a été endommagé, oublié à l'extérieur ou immergé.

Ne pas tirer, soulever ou trainer l'appareil par le cordon. Ne pas utiliser le cordon comme une poignée, le coincer dans l'embrasure d'une porte ou l'appuyer contre des arêtes vives ou des coins. Ne pas faire rouler l'appareil sur le cordon. Garder le cordon à l'écart des surfaces chaudes.

Ne pas débrancher en tirant sur le cordon. Tirer plutôt la fiche.

Ne pas toucher la fiche ou l'appareil lorsque vos mains sont humides.

N'insérer aucun objet dans les ouvertures. Ne pas utiliser l'appareil lorsqu'une ouverture est bloquée. S'assurer que de la poussière, de la peluche, des cheveux ou d'autres matières ne réduisent pas le débit d'air.

Maintenir les cheveux, les vêtements amples, les doigts et toutes les parties du corps à l'écart des ouvertures et des pièces mobiles.

Ne pas aspirer de matières en combustion ou qui dégagent de la fumée, comme des cigarettes, des allumettes ou des cendres chaudes.

Mettre toutes les commandes à la position ARRÊT avant de débrancher l'appareil.

Ne pas aspirer des liquides inflammables ou combustibles, comme de l'essence, et ne pas faire fonctionner dans des endroits où peuvent se trouver de tels liquides.

CONSERVER CES INSTRUCTIONS

WICHTIGE SICHERHEITSHINWEISE

Beim Gebrauch eines elektrischen Gerates müssen immer grundsätzliche Vorsichtsmaßnahmen beachtet werden, einschließlich der folgenden:



Um Feuer; Stromschlag oder Beschädigung zu vermeiden :

Maschine nicht unbeaufsichtigt lassen. Bei Stillstand und Wartung Stecker ziehen.

Nicht im Freien oder auf nassen Oberflächen benutzen.

Die Maschine **darf** nicht als Spielzeug benutzt werden. Besondere Aufmerksamkeit ist geboten, wenn die Maschine in der Nähe von Kindern benutzt wird.

Benutzung nur gemäß Betriebsanleitung und mit dem vom Hersteller empfohlenen Zubehör.

Maschine nicht mit beschädigtem Kabel oder Stecker in Betrieb nehmen. Arbeitet die Maschine nicht einwandfrei, ist sie hingefallen oder beschädigt, hat sie im Freien gestanden oder ist sie mit Wasser in Berührung gekommen – Kontakt mit einem autorisierten Wartungsdienst aufnehmen.

Nicht am Kabel ziehen, Kabel nicht als Tragegriff benutzen, nicht in der Türe einklemmen oder über scharfe Ecken und Kanten ziehen.

Nicht mit der Maschine über das Kabel fahren und Kabel von heißen Flächen fernhalten.

Stecker nicht am Kabel herausziehen, sondern am Stecker

Maschine und Stecker nicht mit nassen Händen bedienen.

Nicht der Maschine arbeiten wenn irgendeine Luftung blockiert ist. Luftungsöffnungen frei von Überresten halten, welche die Luftzirkulation behindern.

Haare, lose Kleidung, Finger und alle anderen Körperteile von Öffnungen und arbeitenden Teilen fernhalten.

Nichts brennendes oder qualmendes wie Zigaretten, Streichholzer oder heiße Asche aufsaugen.

Bevor Stecker gezogen wird, Maschine ausschalten.

Keine brennbaren oder entzündbaren Materialien wie Benzin aufsaugen und nicht in deren Nähe arbeiten.

BEACHTEN SIE DIESE HINWEISE

IMPORTANTI ISTRUZIONI PER LA SICUREZZA

Quando si usa un apparecchiatura elettrica, è necessario sempre alcune precauzioni di base, fra cui:



Per ridurre il pericolo di incendio, scosse elettriche e lesioni personali :

Collegare la macchina solamente ad una presa di corrente adeguatamente messa a terra. Vedere le istruzioni sulla messa a terra.

Non abbandonare la macchina quando questa è collegata alla presa di corrente. Quando la macchina non viene usata, e prima di ogni intervento di riparazione o manutenzione, staccare il cavo di alimentazione dalla presa di corrente.

Non usare la macchina all'aperto o su superfici bagnate.

Non permettere che la macchina venga usata come giocattolo. Prestare particolare attenzione quando la macchina viene usata dai bambini o vicino ad essi.

Usare la macchina soltanto nel modo descritto in questo manuale. Usare solamente accessori raccomandati dalla casa produttrice della macchina.

Non usare la macchina con cavi e spine danneggiati. Se la macchina non funziona come dovrebbe, è caduta a terra, si è danneggiata, è stata lasciata all'aperto o è caduta in acqua, portarla ad un centro assistenza autorizzato.

Non tirare o trasportare la macchina per il cavo, nè usare il cavo come manico, chiudere una porta sopra il cavo a contatto di angoli e bordi acuminati.

No usare la macchina in movimento sopra il cavo; tenere il cavo il cavo lontano da superfici calde.

Non staccare la spina dalla presa di corrente tirando il cavo. Per staccare la spina, afferrare la spina e non il cavo.

Non maneggiare la spina o la macchina con le mani bagnate.

Non infilare alcun oggetto dentro le aperture. Non usare la macchina se un'apertura è bloccata; mantenere la macchina priva di polvere, sporco sfilacciate o altro ostacolo che riduca il flusso dell'aria.

Tenere capelli, abiti ampi, dita e ogni altra parte del corpo lontano dalle aperture e dalle parti in movimento.

Non usare l'aspirapolvere per raccogliere qualcosa che stia bruciando o fumando (sigarette, flammiferi, caneri calde).

Prima di staccare la spina dalla presa di corrente, spegnere tutti i comandi della macchina.

Non usare la macchina per raccogliere liquidi infiammabili o combustibili, come la benzina, nè usarla in aree dove possono esservi tali liquidi.

CONSERVARE QUESTE ISTRUZIONI

HAZARD INTENSITY LEVEL

The following symbols are used throughout this guide as indicated in their descriptions:

HAZARD INTENSITY LEVEL

There are three levels of hazard intensity identified by signal words **-WARNING** and **CAUTION** and **FOR SAFETY**. The level of hazard intensity is determined by the following definitions:

WARNING

WARNING - Hazards or unsafe practices which COULD result in severe personal injury or death.

CAUTION

CAUTION - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

FOR SAFETY: To identify actions which must be followed for safe operation of equipment.

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

FOR SAFETY:

DO NOT OPERATE MACHINE:

Unless Trained and Authorized.

Unless Operation Guide is Read and understood.

In Flammable or Explosive areas.

In areas with possible falling objects.

WHEN SERVICING MACHINE:

Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use Windsor approved replacement parts.

GROUNDING INSTRUCTIONS

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

ELECTRICAL:

This machine operates on a standard **6** amp 230V, 50 hz, **A.C.** power circuit . The amp, hertz, and voltage are listed on the data label found on each machine. Using voltages above 240 Volts or 220 Volts could cause serious damage to the motors.

EXTENSION CORDS:

If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.5m) in length.

GROUNDING INSTRUCTIONS:

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING

Improper connection of the **equipment-grounding** conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

OPERATIONS

CAUTION:

For Indoor Use Only.

When using the pad, always keep the machine moving when in contact with the floor.

WARNING:

HIGH STARTING TORQUE. HOLD MACHINE FIRMLY WITH BOTH HANDS.

1. Ensure that the pad is installed correctly and in good shape. Install or change pad if necessary **(See page 15 for detail of installation)**.
2. Plug the machine into a wall outlet as described in the grounding instructions.
3. Lower the handle by unlocking the adjustment handle and moving the handle into position. Re-lock the handle when it is in a comfortable position.
4. Check to be sure the pad is installed before starting.
5. With the switch lock(s) rotated forward, squeeze one of the switch levers, turning the machine on. (These levers can be operated independently of each other)
6. **To stop the machine, release the switch lever and switch lock.**

NOTE: The machine is equipped with a circuit breaker to protect the motor in the event an overload condition occurs. The circuit breaker is located at the bottom of the switch housing. Push the reset button to restart the machine. If the breaker trips again, correct the cause of overloading before proceeding.

7. **Do not let machine rest on pad.** When finished with machine for the day return handle to the storage position. Be sure to machine in a safe place where there is no risk of being tipped.

OPERACION

PRECAUCIÓN:

Para uso en interiores solamente.

Cuando use la cepillo, mantenga siempre la maquina en movimiento mientras esté tocando el piso.

ADVERTENCIA:

ALTA POTENCIA DE ARRANQUE. SUJETE LA MAQUINA FIRMEMENTE CON AMBAS MANOS.

1. Asegúrese de que el esté instalado correctamente y en buenas condiciones. Instale o cambie la almohadilla si es necesario. **(Vea en la pagina 15 los detalles de la instalacion)**.
2. Enchufe la maquina a un tomacorriente en la forma descrita en las instrucciones sobre conexión a tierra.
3. Baje la empuñadura destrabando el ajuste de la misma y moviéndola hasta la posición deseada. Vuelva a trabar la empuñadura cuando llegue a una posición cómoda para usted.
4. Antes de empezar. Compruebe si está instalado el cepillo.
5. Después de hacer girar hacia adelante el cierre del interruptor, oprima una de las palancas del interruptor y encienda la maquina. (Estas palancas se pueden operar independientemente una de otra).
6. Para detener la máquina, suelta la palanca y el cierre del interruptor.

NOTA: La maquina está equipada con un disyuntor de circuito para proteger el motor en caso de sobrecarga. El disyuntor se encuentra en el fondo de la caja del interruptor. Oprima el botón de reposición para volver a arrancar la maquina. Si el interruptor se vuelve a disparar, corrija la causa de la sobrecarga antes de proseguir.

7. No deje que la maquina descansa sobre la almohadilla. Cuando termine de trabajar con la maquina, regrese la empuñadura a la posición de almacenamiento. Asegúrese de dejar la maquina en un lugar seguro donde no haya riesgo de que se voltee.

FONCTIONNEMENT

ATTENTION:

Utilisation a l'intérieur uniquement.

En cas d'utilisation de disque, toujours maintenir la machine en mouvement lorsqu'elle est en contact avec le sol.

AVERTISSEMENT:

OUPLE ELEVE DE DEMARRAGE. TENIR LA MACHINE FERME DES DEUX MAINS.

1. Vérifier que le porte-disque en place et en bon état. Mettre un disque en place ou le remplacer si nécessaire (**Voir la page 15 pour des détails sur la mise en place**).
2. Brancher le cordon de la machine dans une prise murale, comme indiqué dans les instructions de mise à la terre.
3. Abaisser le manche en le déverrouillant et en le déplaçant jusqu'à ce qu'il soit dans une position confortable, puis le reverrouiller dans cette position.
4. Vérifier que le porte-disque en place avant de mettre la machine en marche.
5. Tourner le(s) verrou(s) d'interrupteur vers l'avant, puis presser l'un des leviers d'interrupteur, ce qui met la machine en marche. (Ces leviers peuvent être actionnés indépendamment l'un de l'autre.)
6. Pour arrêter la machine, relâcher le levier et le verrou d'interrupteur.

REMARQUE: La machine est équipée d'un disjoncteur qui protège le moteur en cas de surcharge. Ce disjoncteur se trouve au bas du boîtier d'interrupteur. Appuyer sur le bouton de réarmement pour remettre la machine en marche. Si le disjoncteur se redclenche, corriger le problème qui cause la surcharge avant de continuer.

7. Ne pas laisser la machine reposer sur le disque. A la fin de la journée de travail, ramener le manche en position de rangement. Veiller à mettre la machine en lieu sûr, dans un endroit où elle ne risque pas d'être renversée.

BETRIEB

VORSICHT:

Nur für den Innenraum.

Wenn Sie die Polsteroption, bewegen Sie die Maschine bei Kontakt mit dem Fußboden kontinuierlich.

WARNUNG:

HOHE DREHKRAFT BEI MASCHINENSTART. HALTEN SIE DIE MASCHINE FEST MIT BEIDEN HÄNDEN.

1. Vergewissern Sie sich, dass der Polsterantrieb korrekt installiert und intakt sind. Installieren oder wechseln Sie das Polster wenn nötig aus (**siehe Seite 15 für weitere Einzelheiten**).
2. Schließen Sie die Maschine an eine Wandsteckdose an, wie in den Erdungsanweisungen beschrieben.
3. Erniedrigen Sie den Griff, indem Sie den Einstellungsgriff entsperren und den Griff in die Position bewegen. Sperren Sie den Griff, wenn er sich in einer bequemen Position befindet.
4. Vergewissern Sie sich, dass der Polsterantrieb installiert sind, bevor Sie die Maschine starten.
5. Wenn die Schaltsperre(n) nach vorne gedreht ist/sind, drücken sie einen der Schalterhebel und schalten Sie die Maschine ein. (Diese Hebel können unabhängig voneinander betrieben werden.)
6. Um die Maschine anzuhalten, lassen Sie den Schalterhebel und die Schaltsperre los.

HINWIS: Die Maschine ist mit einem Überlastschalter ausgestattet, um den Motor im Falle einer Überlastung zu schützen. Der Überlastschalter befindet sich im unteren Teil der Schaltergehäuse. Drücken Sie auf die Taste RESET, um die Maschine neu zu starten. Wenn der Überlastschalter erneut ausschaltet, sollten Sie die Ursache für die Überlastung beheben, bevor Sie fortfahren.

7. Lassen Sie die Maschine nicht auf dem Polster sitzen. Wenn sie die Tagesarbeit mit der Maschine beendet haben, setzen sie den Griff wieder zurück in die Lagerposition. Stellen Sie sicher, dass sich die Maschine an einem sicheren Ort befindet, an dem sie nicht umkippen kann.

ATTENZIONE:

Solo per uso interno.

Quando si utilizza del cuscino, mantenere sempre la macchina in movimento quando S a contatto con il pavimento.

AVVERTENZA:

ALTA COPPIA DI AWIAMENTO. TENERE LA MACCHINA SALDAMENTE CON AMBEDUE LE MANI.

1. Assicurarsi che la guida del cuscinetto installata correttamente e in buona forma. Installare o cambiare il cuscino, se necessario. **(Verdere la pag. 15 per I dettagli sull'installazinoe.)**
2. Inserire la spina elettrica della macchina in una presa a muro, come descritto nelle istruzioni per il collegamento con la massa.
3. Abbassare l'impugnatura, sbloccando la manopola di regolazione e muovendo l'impugnatura in posizione. Bloccare di nuovo la manopola quando si è travata una posizione comoda.
4. Prima di avviare la macchina, assicurarsi che il comando del cuscinetto sia installata.
5. Con I fermi dell'interruttore ruotati in avanti, premere una delle leve dell'interruttore, per mettere la macchina in funzione (queste leve possono essere fatte funzionare indipendentemente una dall'altra.)
6. Per arrestare la macchina, rilasciare la leva e il blocco dell'interruttore.

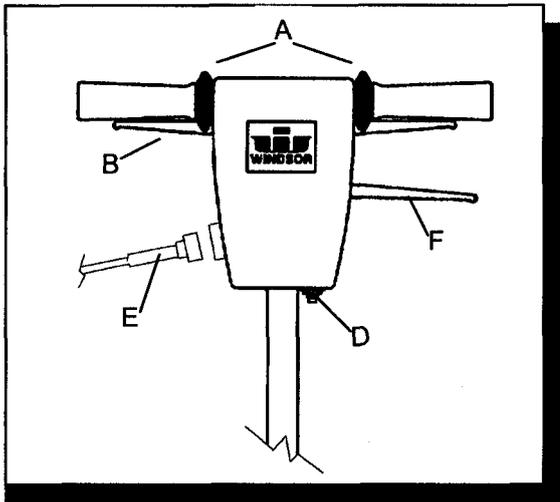
NOTA: La macchina è equipaggiata di un inferruttore principale, per proteggere il motore da una condizione di eccessivo carico. L'interruttore principale è situato **sul** fondo dell'alloggiamento dell'interruttore. Premere il pulsante di ripristino per riaviare la macchina. Se l'interruttore principale scatta ancora dopo il ripristino, correggere le cause del sovraccarico.

7. Non lasciare la macchina in riposa con il cuscino installato. Quando il lavoro con la macchina è terminato per la giornata riportare l'impugnatura in posizione de conservazione. Assicurarsi di lasciare la macchina in un luogo riparato dove non corra il rischio di subire urti.

CONTROLS & PAD INSTALLATION

CONTROLS

- A. Switch locks
Cierres del interruptor
Verrous d'interrupteur
Schaltsperrn
Blocchi dell'interruttore
- B. Switch Lever
Palanca de interruptor
Levier d'interrupteur
Schalthebel
Leva dell'interruttore
- C. Solution Lever (optional)
Palanca para rociar (opcional)
Levier de solution (opcional)
Hebel für Reinigungslosung (wanlweise)
Leva di solucion (optionall)
- D. Circuit Breaker
Disynutor
Disjoncteur
Überlastschalter
Circuito principale
- E. Detachable Cord
Cordone de Prolongación
Rallonge
Verlängerungskabel
Cavi di Estensione



PAD INSTALLATION

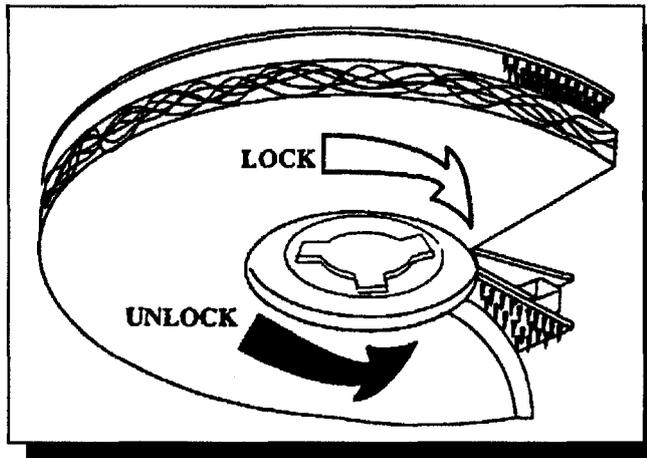
Ensure pad is centered on pad driver. Pull pad to edge of Pad driver in several directions to check for proper engagement.

Asegúrese de que la almohadilla está centrada sobre el accionador. Tire de la almohadilla hasta el borde del accionador en varias direcciones para ver si está bien enganchada.

Vérifier que le disque est centré dans le portedisque. Tirer le disque vers le bord de celui-ci dans plusieurs sens pour s'assurer qu'il est bien enclenché.

Vergewissern Sie sich, daß das Polster auf dem Polstergetriebezentriert sitzt. Ziehen Sie das Polster bis zum Rand des Polstergetriebes in verschiedene Richtungen, um eine korrekte Einlagerung zu gewährleisten.

Assicurarsi che il cuscino sia centrato sul comando. Tirare il cuscino verso il bordo del comando in svariate direzioni per controllare se è inserito correttamente.

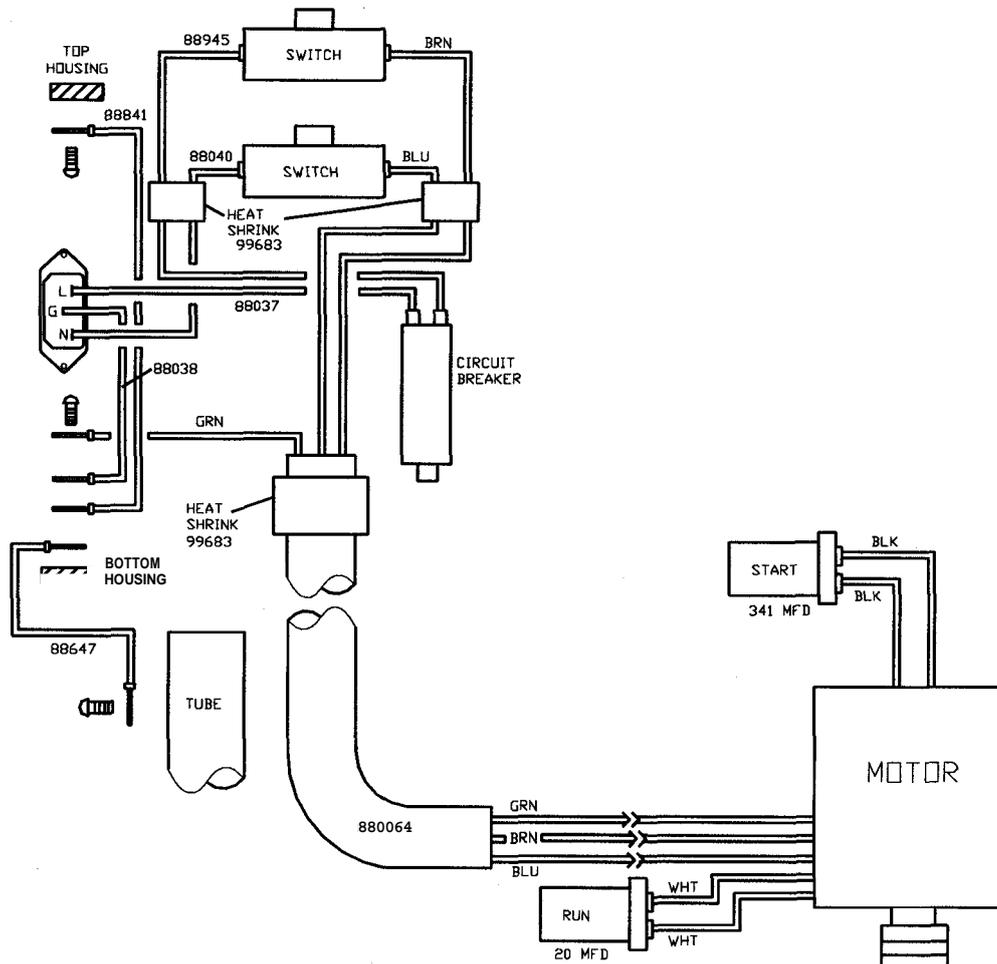


TROUBLESHOOTING & WIRING DIAGRAM

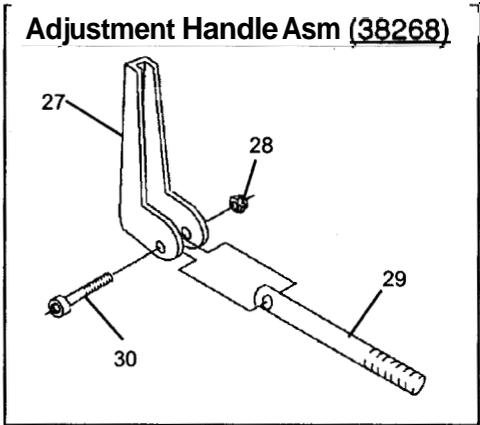
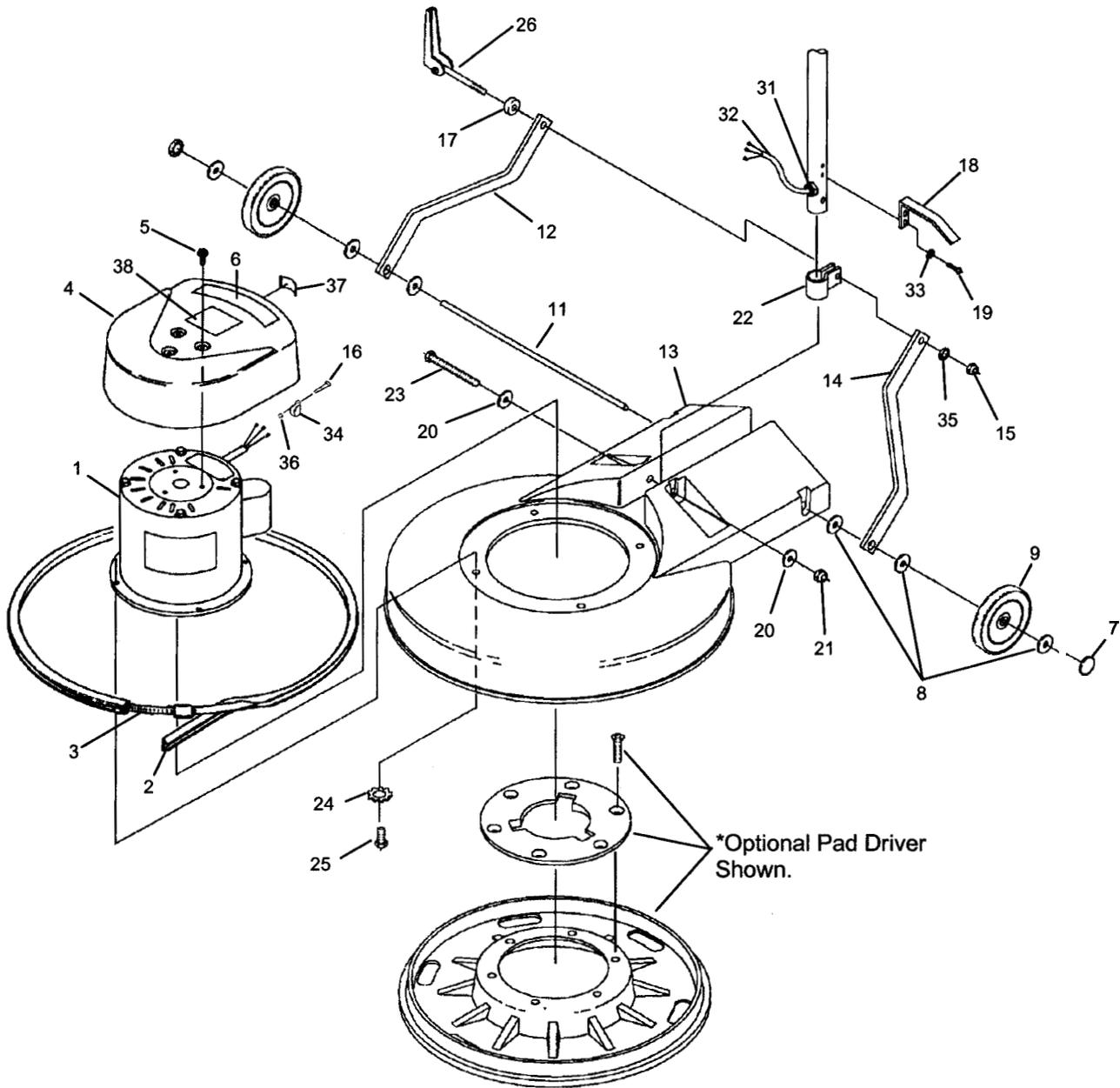
TROUBLESHOOTING

PROBLEM.	CAUSE	SOLUTION
No power to machine	Dead electrical circuit breaker or fuse box.	Check building circuit.
	Power switch failure.	Test switch for continuity and replace if necessary.
	Faulty circuit breaker.	Replace.
	Faulty power cord.	Replace.
	Equipment not grounding	Follow grounding instructions exactly.
Electrical	Receptacle not grounded.	Have an electrician inspect buildings wiring.
	Internal wiring problem.	Ensure that the machines wiring matches the appropriate wiring diagram. Replace any wires or components which are short circuiting.
Circuit breaker tripping	Faulty circuit breaker.	Test circuit breaker for continuity. Replace circuit breaker if necessary.
	Mechanical problem.	Higher amp draws indicate a mechanical problem, find the parts which are not moving as freely as they should, and repair or replace.
Loose handle	Pad problem.	Pad loaded up with dirt and/or finish. Change pad.
	Nut not properly tightened.	Tighten nut (p/n 57201 on handle asm) by turning 1/2 turn while holding handle with a wrench.

WIRING DIAGRAM



MAIN ASSEMBLY PARTS



MAIN ASSEMBLY PARTS LIST

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	53625	1	MOTOR ASM, M17XI		
2	14608	1	BUMPER, 17" DIA SHROUD		
3	20071	1	CLAMP, MERIT 17"		
4	27602	1	COVER, LARGE MOTOR		
5	70351	1	SCR, 10-32 X 3/8 HHTR W/STAR		
6	50673	1	LABEL, MERIT 175		
7	57196	2	NUT, 1/2 PUSH-ON DOME CAP		
8	87146	6	WASHER, 1/2 "ID X 1" OD X .06" NYLON		
9	89086	2	WHEEL, 5" OD X . " ID GREY		
10	OPEN				
11	03079	1	AXLE, 1/2 " DIA X 13.615" CRS PLTD		
12	73779	1	SUPPORT, MERIT HANDLE RT		
13	34245	1	FRAME, 17" POLISHER		
14	73780	1	SUPPORT, MERIT HANDLE LT		
15	57201	1	NUT, 1/2-20 NYLOCK PLTD		
16	70243	2	SCR, 8-32 X 1/2 PHMS PLTD		
17	87148	1	WASHER, 3/8" ID X .88" OD X .19" FLAT		
18	41270	1	HOOK, MERIT CORD		
19	70384	2	SCR, 1/4-20 X 1/2 PHTR BLK PLT		
20	87003	2	WASHER, 3/8" ID X 7/8" OD SS		
21	57119	1	NUT, 3/8-16 LOCK PLTD		
22	27682	1	CLAMP, MERIT HANDLE LOCK		
23	70461	1	SCR, 3/8-16 X 3.5" HHCS GR5 PLTD		
24	87067	4	WASHER, 5/16 INT STAR LOCK PLT		
25	70305	4	SCR, 5/16-18 X 3/4 HHCS GR5 PLTD		
26	38268	1	HANDLE ASM, ADJUSTMENT		
27	51237	1	LEVER, HANDLE ADJ. LOCK		Part of asm. 38268
28	57018	1	NUT, 10-24 HEX LOCK		Part of asm. 38268
29	67342	1	ROD, HANDLE ADJ.		Part of asm. 38268
30	70478	1	SHOULDER BOLT, 1/4 OD X 3/4 L		Part of asm. 38268
31	73195	1	STRAIN RELIEF, 1/2 NPT		
32	880064	1	WIRE ASM. M17XI		
33	87025	2	WASHER, 1/4 LOCK EST. STAR SS		
34	20054	2	CLAMP, 3/8 NYLON		
35	87021	1	WASHER, 1/2 INT. STAR LOCK		
36	57106	2	NUT, 8-32 W/STAR WASHER PLTD		
37	50776	1	LABEL, FOR SAFETY		
38	50688	1	LABEL, WINDSOR LOGO		

HANDLE ASSEMBLY PARTS LIST

REF	PART NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	14668	1	BREAKER, 8A CIRCUIT		
2	27558	1	COLLAR, CIRCUIT BREAKER		
3	50649	1	LABEL, CIRCUIT BREAKER		
4	57024	1	NUT, 3/8-27 PANEL		
5	70384	4	SCR, ¼-20 X ½ PHTR PLTD		
6	57006	2	NUT, ¼-20 HEX PLTD		
7	41297	1	HOUSING, 230V POL HANDLE REAR		
8	51188	1	LEVER, HEIGHT POLISHER HANDLE		
9	66187	3	PIN, POL HANDLE		
10	42063	1	INLET, POWER 10A/250V		
11	36139	2	GRIP, HANDLE		
12	51192	1	LOCK, SWITCH LT POL HANDLE		
13	51191	1	LOCK, SWITCH RT POL HANDLE		
14	73571	2	SPRING, HANDLE LOCK		
15	70493	4	SCR, 4-40 X ¼ PPHTC PLTD		
16	70451	2	SCR, ¼-20 X 1.62 SHCS PLTD		
17	70399	2	SCR, 6-32 X 1.75 FHMS P-BLK		
18	57116	2	NUT, 6-32 W/STAR WASHER PLTD		
19	50399	1	LABEL, WARNING		
20	72119	2	SWITCH, SNAP POL HANDLE 230V		
21	51187	2	LEVER, SWITCH POLISHER HANDLE		
22	62300	1	PLATE, POLISHER HANDLE		
23	70335	2	SCR, 10-32 X ½ PHTR GNR/GRND		
24	87016	3	WASHER, #10 LOCK EXT STAR SS		
25	32051	1	ENCLOSURE, SPLASHGUARD BASE		
26	32050	1	ENCLOSURE, SPLASHGUARD TOP		
27	880064	1	WIRE ASM, M17XI		
28	78288	1	TUBE, POLISHER HANDLE		
29	73572	1	SPRING, SWITCH HANDLE		
30	62251	1	PLATE, SOLUTION LEVER (L)		
31	62344	1	PLATE, LEVER PULLEY		
32	78270	1	TUBE, HANDLE POLISHER		
33	66199	2	PIN, POLISHER HANDLE		
34	73402	1	SPACER, ADJ. HANDLE		
35	41289	1	HOUSING, POL HANDLE TOP		
36	23194	1	CORD SET, 75' X 1.5MM EURO		NOT SHOWN
37	57233	2	NUT, 4-40 NYLOCK		
38	70407	2	SCR, 4-40 X 1-2 PHMS		
39	70452	1	SCR, 10-24 X 3/8 HHTR		

NOTES



LIMITED WARRANTY

Windsor Industries, Inc. warrants new machines against defects in material and workmanship under normal use and service to the original purchaser. The warranty period is subject to the conditions stated below.

3 YEARS FOR PARTS AND 1 YEAR FOR SERVICE LABOR

Exceptions: Rotationally molded polyethylene tanks carry a 6 year parts and 1 year service labor warranty. **VERSAMATIC**® models carry a 3 year warranty on brush motors, vacuum motors, and belts, and a 1 year service labor warranty. **SENSOR**® models carry a 2 year warranty on vacuum motors and belts, and a 1 year service labor warranty. Extractor brush motors, pump motors, pc boards and electronics, vac motors (other than **VERSAMATIC**® and **SENSOR**®), pumps, and **FLEXSOL**™ diaphragms, all **RADIUS**™, all **AXCESS**™ and **TITAN**™ 1 carry a 1 year parts and service labor warranty. Propane equipment has a 1 year parts and service warranty. The **Onan**® engines have a 3 year manufacturers' warranty. The **Honda**® engines have a 2 year manufacturers' warranty. The engine warranty is administered through the engine manufacturer and must be repaired at an authorized service center.

Normal wear items including, but not limited to, belts, brushes, capacitors, carbon brushes, casters, clutches, cords, filters, finishes, gaskets, hoses, light bulbs, rectifiers, switches, squeegees, bearings, pulleys, relays, actuating cables, tires and wheels will be warranted for manufacturing defects for 90 days from the purchase date.

The warranty commences on the purchase date by the original end user from an authorized Windsor Agent, subject to proof of purchase. The Machine Registration Card must be completed and returned immediately at the time of purchase. If proof of purchase cannot be identified, the warranty start date is 90 days after date of sale to an authorized Windsor distributor. Parts replaced or repaired under warranty are guaranteed for the remainder of the original warranty period.

90 DAY WARRANTY EXTENSION AVAILABLE

Upon receipt of the Machine Registration Card, Windsor will extend the warranty period an additional 90 days from the purchase date. Does not include items warranted 90 days for manufacturing defects.

STATED WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED.

Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. Windsor will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing; performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the buyer.

This warranty shall not apply to: 1. damage in transit; 2. misuse or abuse (including the use of incompatible or corrosive chemicals or overloading of capacity); 3. failure due to lack of proper maintenance and care (including cleaning); 4. any design alterations performed by an organization not authorized or specified by Windsor; 5. batteries and chargers. 6. high pressure washing. 7. electrical components exposed to moisture.

If difficulty develops during the warranty period, contact the authorized Windsor Agent from whom the product was purchased. Windsor, Inc. may elect to require the return of components to validate a claim. Any defective part to be returned must be shipped freight pre-paid to an authorized Windsor Distributor/Service Center or to the Windsor factory.

USE OF PARTS NOT APPROVED BY WINDSOR, INC. WILL VOID ALL WARRANTIES.

This warranty is valid only for all products sold after July 1, 1995. A product sold before that date shall be covered by the limited warranty in effect at the date of sale to the original purchaser.



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