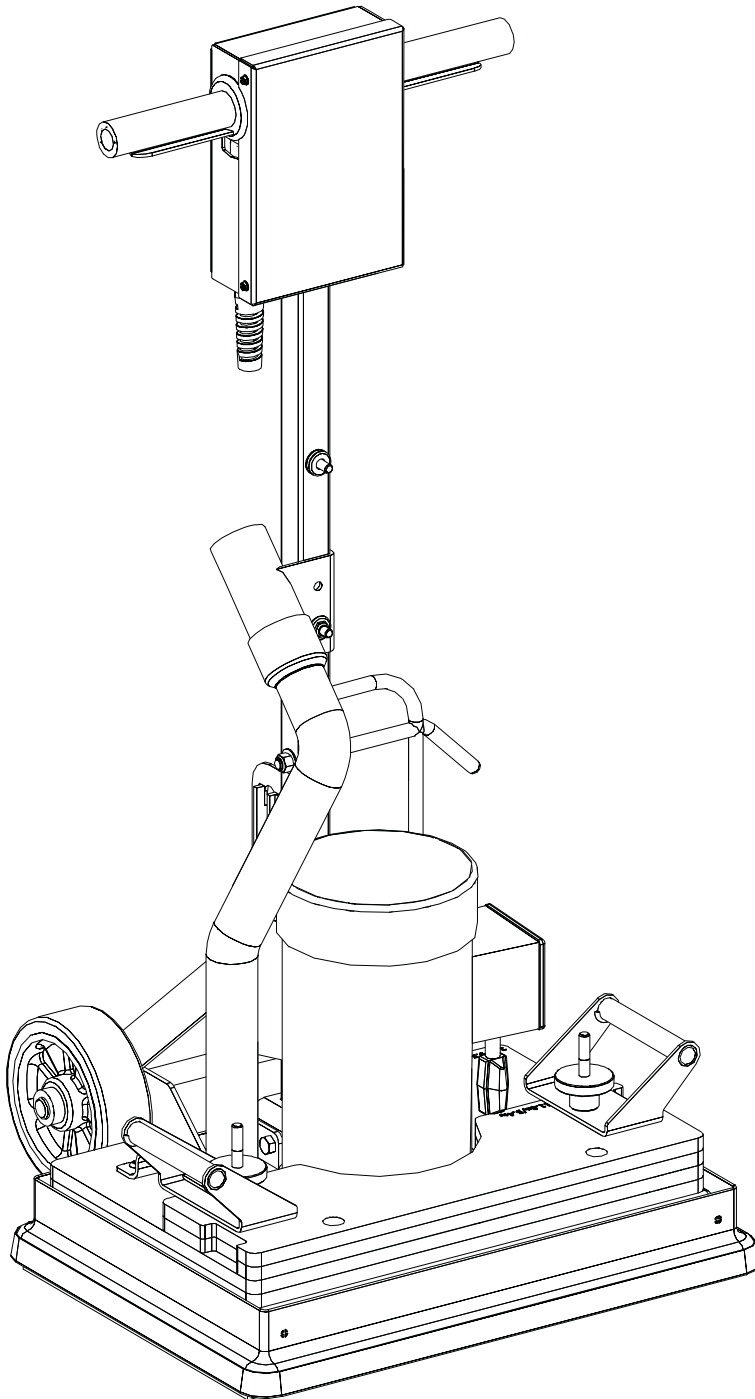


Operating Instructions (EN) & Parts Manual

MODELS:

20" EDGE Stick ST / HD

28" EDGE Stick ST / HD



Read these Instructions before
using the machine.



Read these Safety Messages
before using the machine.

INTRODUCTION

This manual is furnished with each new machine. This manual will allow the Operator to get the best performance out of your RPS manufactured Scrubber-Drier, Sweeper, Burnisher, or Orbital Scrubber. Read this manual thoroughly before operating or servicing the machine.

This machine will provide excellent performance, but the best results will be obtained at the most minimum costs if:

- The machine is regularly maintained - per the machine Preventative Maintenance instructions provided.
- The machine is operated with reasonable care and caution.
- The machine is maintained with manufacturer supplied parts.

ABOUT THIS MANUAL

TABLE OF CONTENTS: Tells you where to look in the manual.

SAFETY MESSAGES: Section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards are identified that could result in product or personal injury, or severe injury resulting in death.

OPERATION CONTROLS / MACHINE COMPONENTS: Shows you the different machine controls and features.

MACHINE SETUP: Tells you how to setup machine from un-crating to installing Pads.

MACHINE OPERATION: Section is to familiarize the operator with the operation and function of the machine.

MAINTENANCE: This section contains preventative maintenance to keep the machine and it's components in good working condition. They are listed in this general order:

- Scrub Pads
- Service Schedule
- Machine Trouble Shooting

TROUBLE SHOOTING: A list of common problems that may occur.

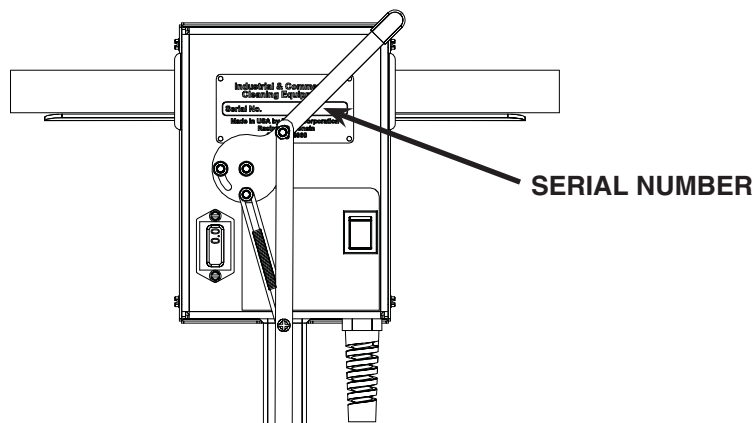
MACHINE SPECS: Tells you Machine Specifications for the various parts of the machine.

MACHINE INSTALL FORM: Should be filled out upon machine installation and faxed to 1-866-632-6961 or on-line at www.rpscorporation.com.

WARRANTY POLICY: Tells you coverage, exclusions and limitations to warranty.

PARTS: Exploded views of the machine with part breakdowns.

NOTE: The serial number of your machine is located on the back of the handlebars.





AS OUR POLICY IS ONE OF CONSTANT IMPROVEMENT - ALL INFORMATION AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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SAFETY MESSAGES

You will see four kinds of safety reminders in this manual:

<div> WARNING</div> <p>WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</p>
<div> CAUTION</div> <p>CAUTION indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury or damage to this machine or nearby objects. CAUTION also can be used to alert against unsafe practices.</p>
<div>NOTICE</div> <p>NOTICE indicates information considered important, but not hazard-related. This safety message may be related to property damage or warranty warnings.</p>

Your safety, and that of others, is very important. Operating this machine safely is an important responsibility.

DO NOT OPERATE THIS MACHINE UNLESS:

- You are trained and authorized to do so
- You have read and understood this Operator's Manual

WHEN OPERATING THIS MACHINE:

- Remove loose objects from the floor that could be projected from the oscillating Pad
- Keep your hands and feet away from the oscillating Pad
- Do not operate this machine where flammable liquids are present
- Use caution when maneuvering close to walls

BEFORE LEAVING THE MACHINE:

- Turn the machine *OFF* and unplug the power cord

BEFORE SERVICING THE MACHINE:

- Unplug the power cord

WARNING

Do not operate this machine around fuels, solvents, flammable floor finishes, thinners, wood dust or any flammable materials. Cigarette lighters, pilot lights, electrical sparks and all other sources of ignition should be extinguished or avoided. Work areas should be well ventilated.

WARNING

Always wear safety goggles when operating this machine to avoid eye injury from debris projected from the oscillating Pad.

WARNING

To avoid electrical shock, do not use this machine if it has been rained on or sprayed with water.

WARNING

To avoid electrical shock, unplug the power cord before adjusting the Handlebar height or replacing the Pad.

WARNING

Always turn off this machine and unplug the power cord before leaving it unattended. Do not allow untrained persons to operate this machine.

WARNING

Always wear a dust mask when operating this machine to avoid inhaling dust created by the oscillating Pad. Inhaling dust created by this machine can cause serious respiratory injury.

WARNING

To avoid electrical shock, do not pull on the power cord to move the machine or unplug the power cord from the electrical outlet.

WARNING

Do not remove, paint over or destroy warning decals. If warning decals become damaged, call 1-262-681-3583 for free replacements.

WARNING

To avoid electrical shock, do not operate this machine over electrical floor outlets.

WARNING

Dress safely. Keep hands, feet and loose clothing away from moving parts on this machine.

WARNING

To avoid electrical shock, always keep the power cord clear of the oscillating Pad and in good condition. Always lift the power cord over the machine.

WARNING

Never operate this machine under the influence of alcohol or drugs. Do not allow anyone under the age of 18 to operate this machine.

WARNING

This machine weighs over 130 pounds. Do not attempt to lift this machine alone. Two persons are required to lift this machine.

CAUTION

To avoid personal injury and/or damage to this machine, the persons lifting the machine should grasp the lifting bars on the base of the machine with one hand, and the handle with the other.

CAUTION

Always unplug the power cord and wrap the cord on the cord wrap and handle before attempting to lift this machine.

CAUTION

Always raise and lock the handle into position before attempting to lift this machine. Always leave the pad on the machine before transporting the machine to avoid damage to the pad face.

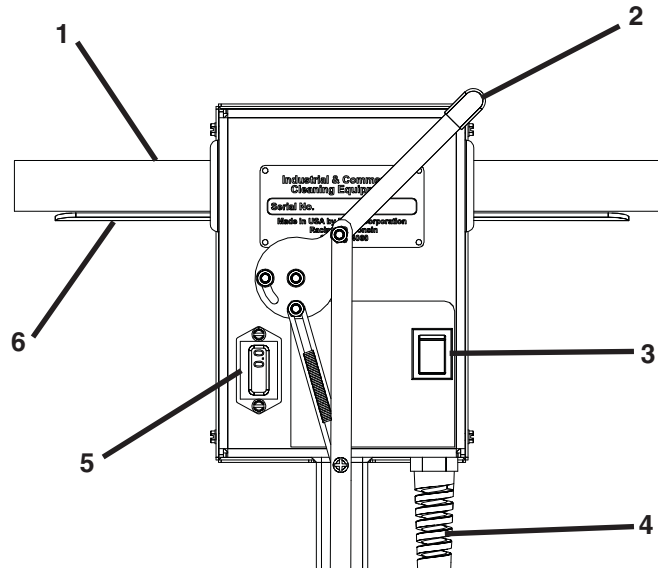
CAUTION

Tilt the machine onto its wheels and transport it slowly and carefully. Do not operate this machine if any parts have been damaged or removed.

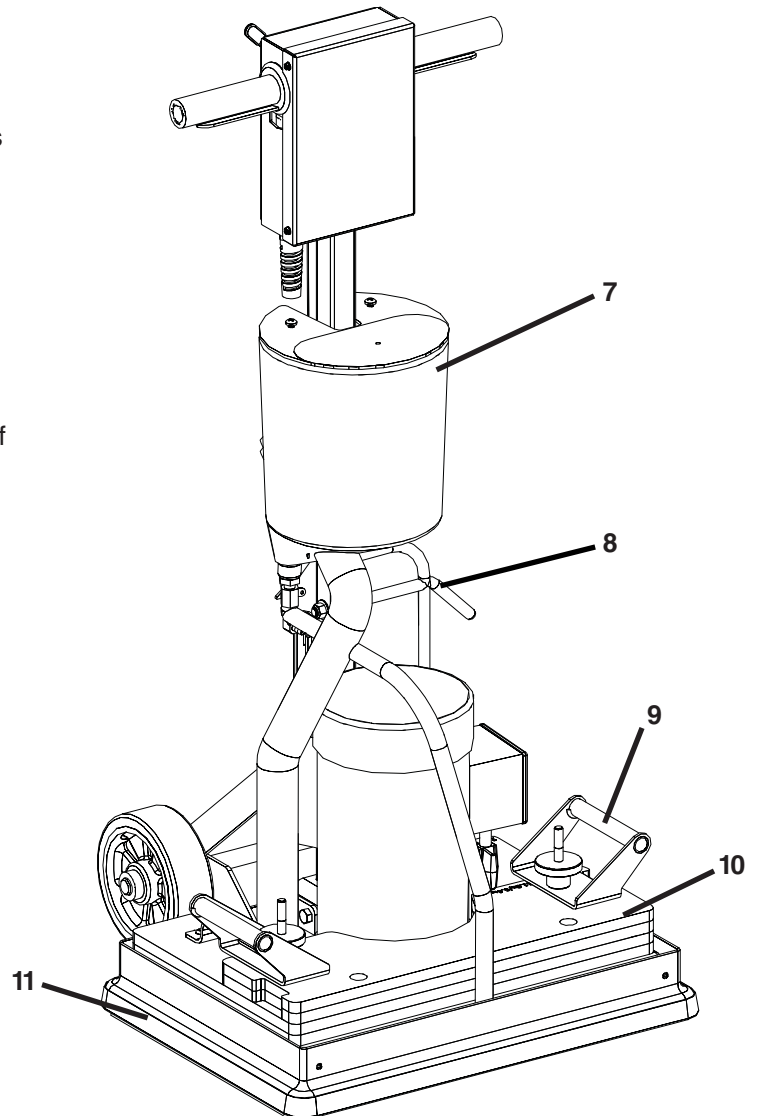
CAUTION

Alterations to this machine may result in personal injury or property damage, and WILL void the warranty.

OPERATION CONTROLS



1. **HANDLEBAR:** Foam padded handlebars provide ergonomic support
2. **SOLUTION CONTROL LEVEL (OPTIONAL):** Controls solution flow (*Down = RELEASE, Up = OFF*)
3. **MAIN POWER SWITCH (OPTIONAL):** Turns the machine *ON* and *OFF*
4. **POWER CORD:** Hospital grade 50 ft cord
5. **HOUR METER (OPTIONAL):** Shows the total amount of hours that the machine has been used
6. **HANDLEBAR TRIGGER:** Depressing the trigger activates the Scrubdeck motor
7. **WATER SOLUTION TANK (OPTIONAL):** 5 Quart solution tank for allowing water dispersment on the deck level
8. **SWIVEL CORD WRAP:** Rotate the cord wrap to allow for easy coiling and uncoiling of the Power cord
9. **LIFT HANDLES (OPTIONAL):** Allows two persons to lift machine
10. **SLOTTED WEIGHT PLATES (OPTIONAL):** 12.5 or 22.5 lb weight plates for different Pad and application usage
11. **DUST SKIRT (OPTIONAL):** Skirt around outside of Scrubdeck helps control dust and water during usage



MACHINE SETUP

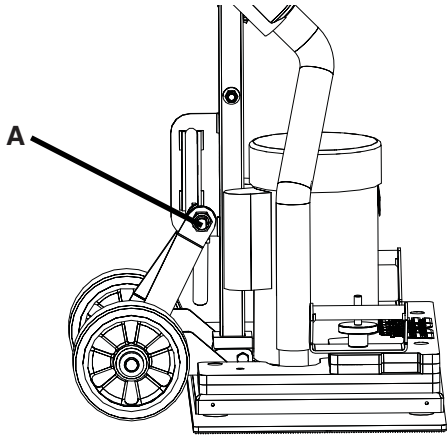
INSTALLING EDGE PADS:

To install or replace a Pad:

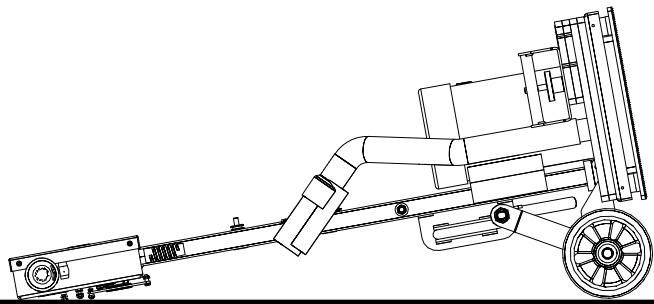
NOTICE

Before installing or replacing any Pad, disconnect the EDGE Scrubber from its power source.

1. Lock handle **(A)** in the upright position **(SEE BELOW)**.



2. Tilt machine back until the handle rests on the floor **(SEE BELOW)**.



3. Remove existing Pad and replace with new Pad - *ensure proper 1/2" overhang on all edges of Grip Face.*
4. Press Pad firmly into place.
5. Return machine to upright position.

NOTICE

NEVER place aggressive Pads (Maroon Prep, Dominator HD Strip, etc.) directly onto the Grip Face. Always use Red or Blue Spacer pad to prevent Grip Face damage.

MACHINE OPERATION

PRE-CLEANING CHECKLIST:

Read and understand the Safety Messages section on Pages 3 and 4 before operating the machine.

6. Check and make sure that there is electrical outlets available for use or large gauge extension cords.
7. Check the condition of the Pads or Brushes.
8. If there is debris on the floor area that is about to be scrubbed - pre-sweep area.

OPERATING - SCRUBBING:

1. Move machine to work location. Never transport or store the machine without a Pad to protect the grip face.
2. Check the Pad. If it has become reduced to a thickness of less than 1/2", replace the Pad. Pad will depend based off of the application needs, contact your Local Servicing Dealer for correct Pads for your application.
3. Connect machine cord to power source. When scrubbing an area, move so that you are moving away from the power supply. This will help avoid entanglement with the cord as well as reduce the need to move do a different power source.
4. Adjust the handlebars to a comfortable position. Lock the handlebar into position. The best operating position is at arms length to help with control of machine and to improve operator comfort. Maintain the machine flat on the floor for ease of operation. Raising or lowering the handlebar can cause the machine to pull to the right or left, and uneven pressure/wear on the pad surface. A neutral handlebar position will provide a neutral operation and uniform contact of the Pad to the floor surface.
5. Squeegee the Handlebar trigger with both hands to start the machine. Release the Handlebar trigger to stop the machine.

NOTICE

Releasing the Handlebar trigger will immediately stop the machine.

MAINTENANCE

DAILY MAINTENANCE:

1. Remove the clean Pads / Brushes. Never use soiled Pads / Brushes when cleaning. Replace Pads / Brushes when they become packed with residue.
2. Drain and rinse Tanks thoroughly and flush out solution feed to Scrubdeck (*If applicable to your model*).
3. Inspect Vacuum Hose for any objects obstructing the air flow.
4. Wipe down machine if needed. Use a non-abrasive, non-solvent cleaner or a clean damp cloth.
5. Store in a clean area.

WEEKLY MAINTENANCE:

6. Flip EDGE pads.
7. Drain and rinse tanks thoroughly. To thoroughly flush out any solution chemicals in solution line valves, refill Solution Tank with a few gallons of warm, clean water and run the machine until Tank is empty.

MONTHLY MAINTENANCE:

1. Check Scrubhead for wear.
2. Check machine for water leaks and loose nuts and bolts.

YEARLY MAINTENANCE:

Call your local dealer for yearly maintenance.

STORING MACHINE:

1. Be sure to flush the tanks out completely. To thoroughly flush out any solution chemicals in solution line and valves, refill Solution Tank with a few gallons of warm clean water and run machine until Tank is empty.
2. Tip Scrubdeck to alleviate pressure on the Grip Face or Pads for extended periods of time.

PM RECORDS

CUSTOMER INFORMATION

CUSTOMER		EMAIL	
ADDRESS			PHONE
CITY	STATE	ZIP	CONTACT

CUSTOMER INFORMATION

CUSTOMER		EMAIL	
ADDRESS			PHONE
CITY	STATE	ZIP CODE	CONTACT

MACHINE INFORMATION

MODEL #:	SERIAL #:
WORK ORDER#:	HOUR METER:
ISOLATOR HOUR METER:	RE-CHARGE COUNTER:

DECK CONDITION

EDGE PAD GRIP FACE	GOOD	WORN	NEEDS REPLACEMENT
SPACER PAD	GOOD	WORN	NEEDS REPLACEMENT

CHECK OPERATION AND CONDITION OF:

IN SPEC REPAIR PROBLEM

TRIGGER KEY SWITCH (OPTIONAL)			
SOLUTION ON/OFF LEVER (OPTIONAL)			
SCRUBDECK MOTOR			
INSPECT AC CORD (REPLACE IF DAMAGED)			
INSPECT EDGE OF ALUMINUM DECK (REPORT IF DAMAGED)			
VACUUM MOTOR PERFORMANCE (OPTIONAL)			

VISUALLY INSPECT

IN SPEC REPAIR PROBLEM

VACUUM HOSES (OPTIONAL)			
SOLUTION HOSES (OPTIONAL)			
DUST SKIRTS (OPTIONAL)			
MACHINE WHEELS			

MEASURE GAP AT 4 CORNERS

FRONT RIGHT FRONT LEFT BACK RIGHT BACK LEFT

BETWEEN ALUMINUM AND STEEL DECKS				
----------------------------------	--	--	--	--

VISUALLY INSPECT

IN SPEC REPAIR PROBLEM

VACUUM HOSES (OPTIONAL)			
SOLUTION HOSES (OPTIONAL)			
DUST SKIRTS (OPTIONAL)			
MACHINE WHEELS			

COMMENTS

SERVICING DISTRIBUTOR _____

TECHNICIAN'S NAME _____ DATE _____ SIGNATURE _____

CUSTOMER'S NAME _____ DATE _____ SIGNATURE _____

BATTERY CHARGING / EDGE CORDLESS ONLY

Charger Specifications

- Output voltage of 24 Volts
- Output current of 12 amps max
- Input voltage of 110 Volts/ 60 Hz
(220V/50 Hz available)
- Automatic shut off circuit
- Made for Deep Cycle or AGM Batteries

! DANGER

Explosive hydrogen gas forms when Batteries are charging. An open flame or spark can cause this gas to explode. Serious personal injury or property damage could occur. Only charge the Batteries in this machine in a well ventilated area.

! WARNING

Before you service a Battery, always wear face protection, protective gloves and protective clothing. Battery acid or battery explosion can cause serious injuries.

! WARNING

The Batteries in this machine contain sulfuric acid, which causes burns to skin. If battery acid contacts clothing or skin, rinse the effected area with cold water immediately. If battery acid gets on your face or in your eyes, flush the area immediately with cold water and seek medical attention.

! CAUTION

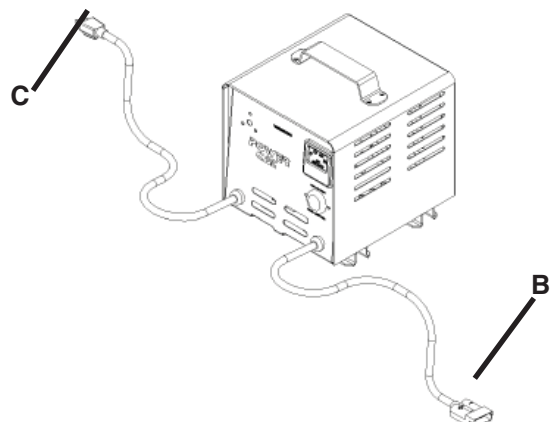
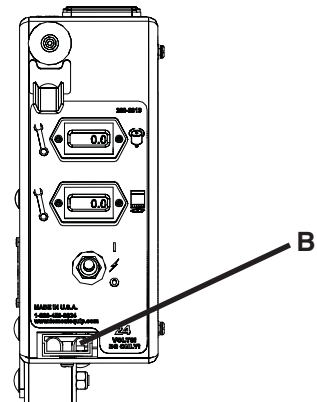
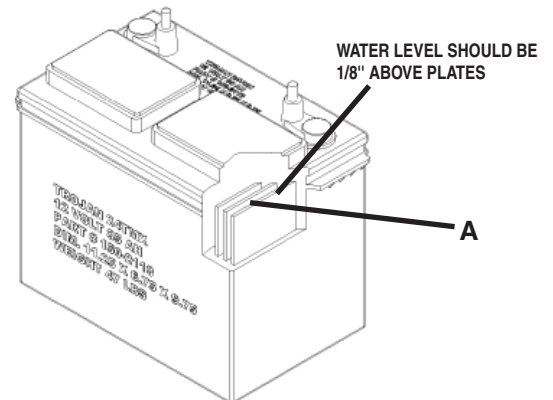
Always use the automatic battery charger provided by the manufacturer of this machine to charge the Batteries of this machine. It is designed to charge the Batteries at the appropriate rate. If you must use a different charger, disconnect the Batteries before charging to avoid damage to the electronic speed controller.

EXTERNAL BATTERY CHARGING:

1. Transport machine to a well ventilated area for charging.
2. Turn the machine off.
3. Check the water in each battery (**A**). Do not charge the machine unless the water is slightly higher than the plates. If needed, add enough distilled water to just slightly cover the plates. Be careful not to over fill. Batteries can overflow during charging. Replace caps before charging.
4. First, plug the red 50 Charger plug into the machine's Charger Port (**B**). While the Charger plug is connected, plug the charger power cord into a

grounded 110 Volt standard wall outlet (**C**).

5. The Charger will automatically begin charging and automatically shut off when fully charged (*check Battery gauge*).
6. After the Charger has turned off - First, unplug the Charger from the wall outlet. Second, unplug the red 50 Charger plug from the machine.
7. Recheck the cell level after charging. If needed, add distilled water up to the correct level. Be certain to replace the caps securely and to wipe off the top of the Batteries with a clean cloth.



BATTERY MAINTENANCE GUIDE / EDGE CORDLESS ONLY

SAFETY:

⚠ DANGER

Explosive hydrogen gas forms when Batteries are charging. An open flame or spark can cause this gas to explode. Serious personal injury or property damage could occur. Only charge the Batteries in this machine in a well ventilated area.

⚠ WARNING

Before you service a Battery, always wear face protection, protective gloves and protective clothing. Battery acid or battery explosion can cause serious injuries.

⚠ WARNING

The Batteries in this machine produce hazardous voltage which can cause electrical shock, burns and/or electrocution. Always disconnect Batteries before servicing this machine.

⚠ WARNING

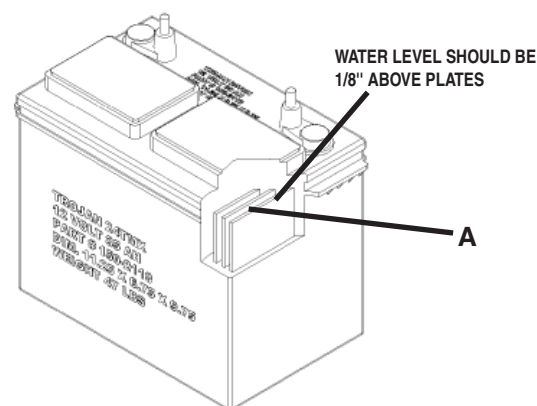
The batteries in this machine contain sulfuric acid, which causes burns to skin. If battery acid contacts clothing or skin, rinse the effected area with cold water immediately. If battery acid gets on your face or in your eyes, flush the area immediately with cold water and seek medical attention.

⚠ WARNING

Dress safely. Do not wear rings or metal wrist watches when servicing this machine, as they can cause an electrical short circuit which can cause serious burns.

WATERING:

- Add water, NEVER ACID, to cells (*distilled water recommended*).
- Do not over water
- Before charging the Batteries, only add water if the plates are exposed. Add just enough water to cover the plates, then charge the Batteries. Once fully charged, add water to the proper level as indicated below.
- For full charge plus series Batteries add water to the maximum water level indicator (**A**).
- Water watering, secure vent caps back on Batteries.



INSPECTION AND CLEANING:

- Keep Batteries clean and dry from residue
- Check that all vent caps are tight
- Use a solution of baking soda and water to clean if acid residue on Batteries or corrosion on the terminals
- Protective spray of petroleum jelly should be applied to terminals to reduce corrosion

STORAGE:

- Batteries should be fully charged prior to and during storage
- Never store discharged Batteries
- Store batteries in a cool, dry place but never below freezing - Recharge in storage a minimum of every 30 days
- Recharge Batteries before putting them back into service

MOTOR INFORMATION



CAT. NO: 117536.00
MODEL: M6K28FC3A
CUST: PN:
DUTY: CONT
AMB: 40°C
FR: 56CZ
THERMALLY PROTECTED

DATE: G12B
CC:
INS: F4
PH: 1
CODE: H
TYPE: KF
ENCL: TEFC
DESIGN: I

HZ: 60 50
HP/KW: 1 1/2 / 1.12 1 1/2 / 1.12
RPM: 3450 2850
VOLT: 115/230 100/200-220
FLA: 13.2/6.6 15.6/7.8-7.5
SFA: 14.8/17.4 18/9-8.4
SF: 1.15 EFF: 75.5 FL PF: 99(0.99)
IP:

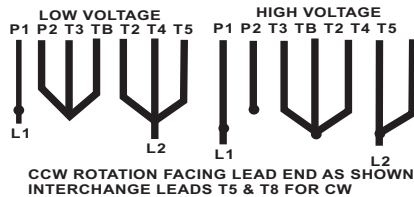
COOLING CODE: .41
INVERTER SPD RANGE:

PROT. CODE:
INV. TYPE:

INV. LOAD:

NP, BF1461412-1, 122060009

**READ WARNING LABEL ON MOTOR BEFORE
CONNECTING, INSTALLING OR SERVICING
FAILURE TO FOLLOW ALL SAFETY INFORMATION
CAN RESULT IN PERSONAL INJURY OR DEATH.**



There is a sticker with the above information on the motor of your EDGE Stick machine unit. Below are explanations for the units of measurement.

FLA = Full Load Ampere Rating

Line current drawn by motor while operating under full load at supply voltage indicated. On dual voltage motors, higher voltage amps are one-half lower voltage amps.

SFA = Service Factor Amps

Current drawn by the motor when operated at service factor load. Unless motor is operated extensively at service factor load (not recommended), use full load current when selecting circuit protection.

SF = Service Factor

The service factor shown on the motor nameplate indicates the amount of continuous overload the motor can be subjected to, under nameplate conditions, without damaging the motor. When the voltage and frequency are at the same values as shown on the motor nameplate, the motor may be overloaded up to the horsepower indicated by multiplying the rated horsepower by the service factor. When operated at service factor load, the motor may have an efficiency, power factor, and speed slightly different from those shown on the nameplate.

A motor designed to operate at its nameplate horsepower rating has a service factor of 1.0. This means the motor can operate at 100% of its rated horsepower. Some applications may require a motor to exceed the rated horsepower. In these cases a motor with a service factor of 1.15 can be specified. The service factor is a multiplier that may be applied to the rated power. A 1.15 service factor motor can be operated 15% higher than the motor's nameplate horsepower. The 30 HP motor with a 1.15 service factor, for example can be operated at 34.5 HP. It should be noted that any motor operating continuously at a service factor greater than 1 will have a reduced life expectancy compared to operating it at its rated horsepower. In addition, performance characteristics, such as full load RPM and full load current, will be affected.

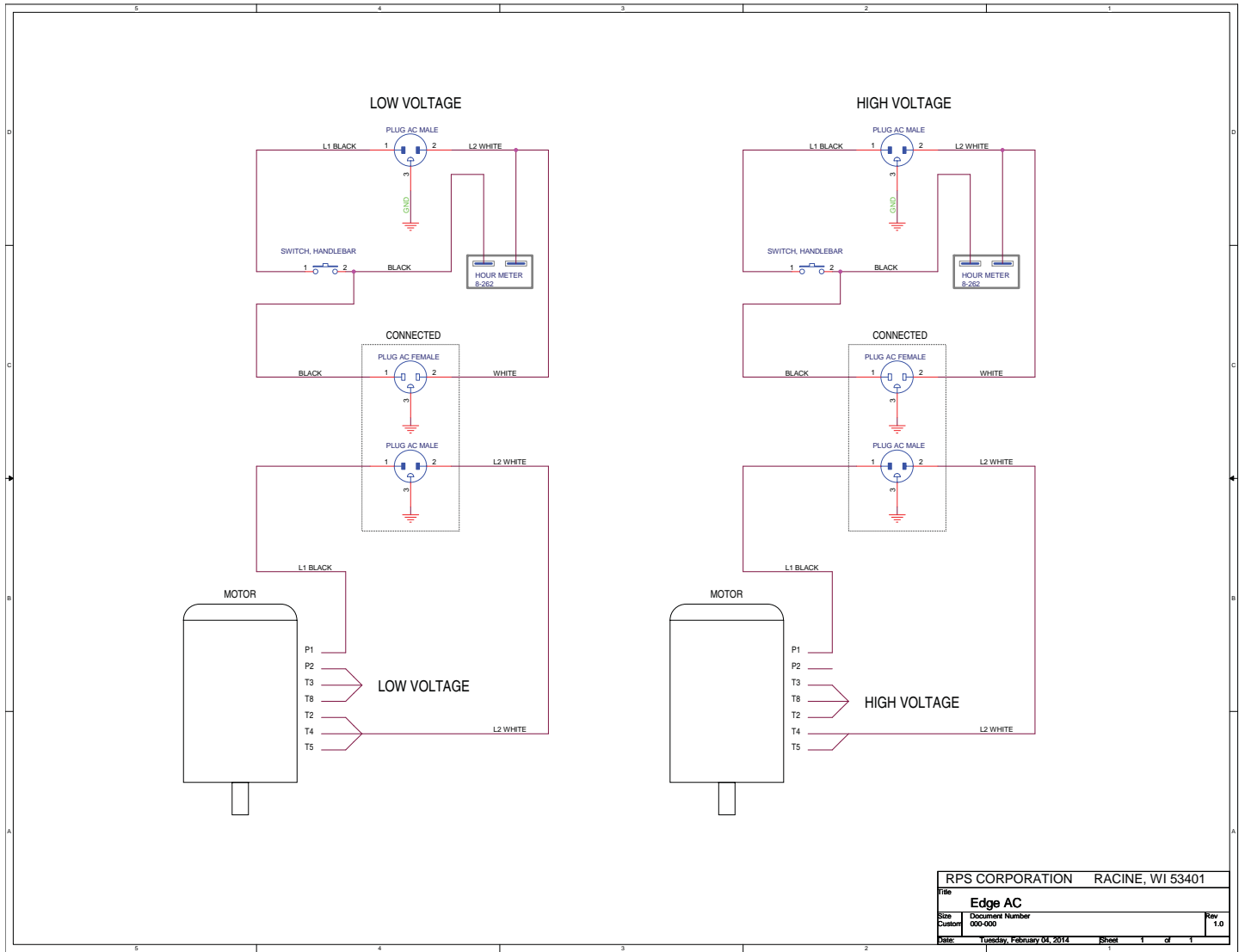
EF = Efficiency Factor

AC motor efficiency is expressed as a percentage. It is an indication of how much input electrical energy is converted to output mechanical energy. The nominal efficiency of this motor is 93.6%. The higher the percentage the more efficiently the motor converts the incoming electrical power to mechanical horsepower. A 30 HP motor with a 93.6% efficiency would consume less energy than a 30 HP motor with an efficiency rating of 83%. This can mean a significant savings in energy cost. Lower operating temperature, longer life, and lower noise levels are typical benefits of high efficiency motors.

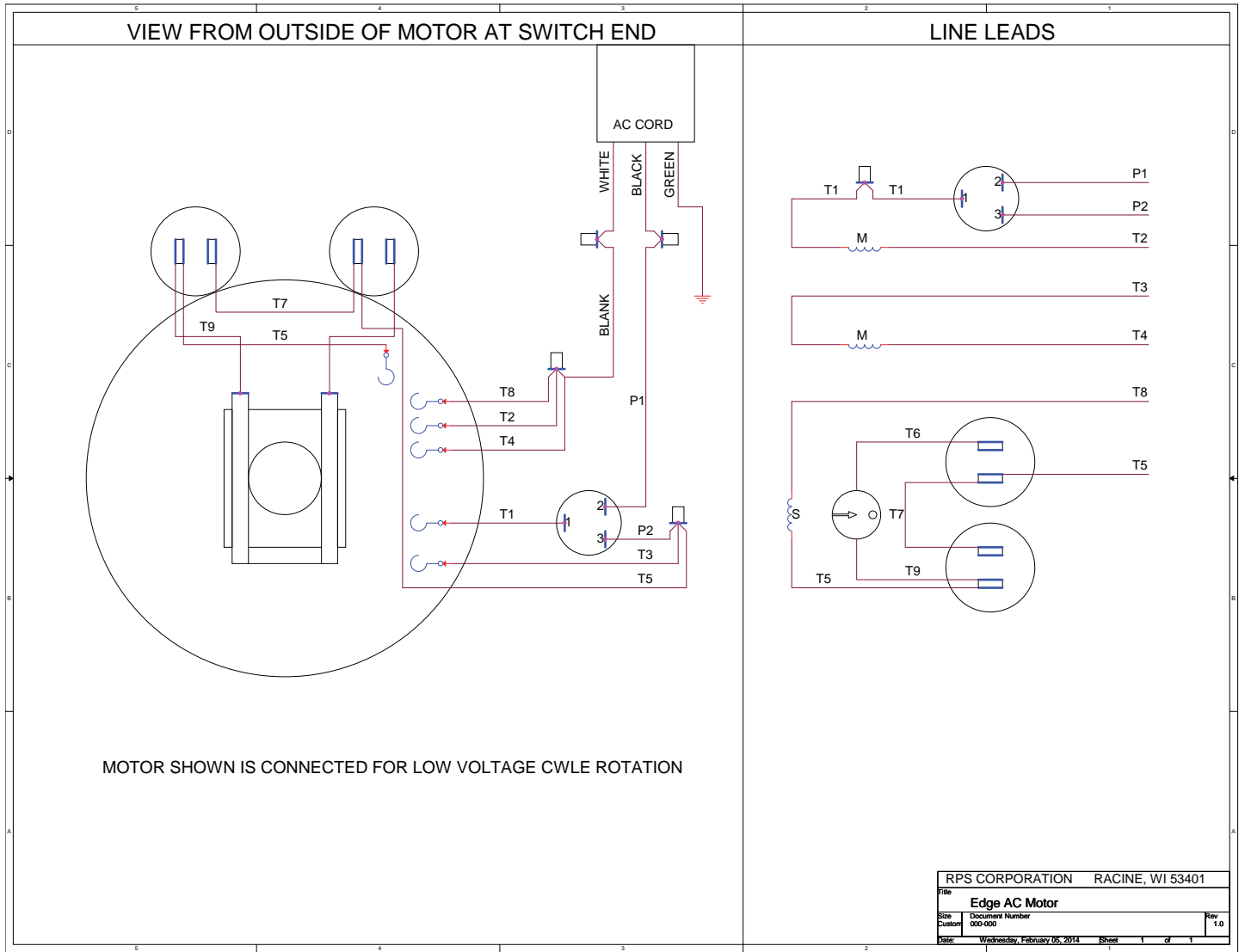
FLPF = Full Load Power Factor

The ratio of real or true power and the apparent power that is supplied [PF=P(watts)/S(va)]

AC DIAGRAM



AC DIAGRAM



TROUBLE-SHOOTING

PROBLEM	CAUSE	SOLUTION
MACHINE WILL NOT START	NOT CONNECTED TO POWER SOURCE	CHECK POWER SOURCE CONNECTION
	DEFECTIVE SWITCH	CONTACT LOCAL SERVICING DEALER
RUNS ERRATICALLY	LOW VOLTAGE FROM EXCESSIVE LENGTH OR UNDERSIZED EXTENSION CORD	USE 12 GAUGE EXTENSION CORD - NOT LONGER THAN 25 FT LONG
	DEFECTIVE HANDLEBAR SWITCH	CONTACT LOCAL SERVICING DEALER
	DEFECTIVE MOTOR LOW VOLTAGE	CONTACT LOCAL SERVICING DEALER
FUSE/CIRCUIT BREAKER TRIPS	LOW VOLTAGE	ALLOW THE MOTOR TO COOL. THE CIRCUIT BREAKER IS A RED BUTTON ON THE SIDE OF THE MOTOR THAT WILL RESET WHEN PRESSED.
		ELIMINATE EXTENSION CORD
		LOCATE POWER CORD CLOSER TO WORK SITE
		HAVE AC VOLTAGE CHECKED BY ELECTRICIAN
MACHINE PULLS HARD TO ONE SIDE	RUBBER ISOLATORS WORN OUT	REPLACE ISOLATORS
MACHINE IS LOUDER THAN NEW	RUBBER ISOLATORS WORN OUT	REPLACE ISOLATORS
	ECCENTRIC WORN OUT	REPLACE ECCENTRIC

MACHINE SPECS

BODY CONSTRUCTION/DIMENSIONS

CHASSIS CONSTRUCTION:

AXLE:

HANDLEBAR:

FINISH:

REAR WHEELS:

WEIGHT:

1/8" GAUGE STEEL (3.2 mm)

3/4" SOLID STEEL (2 cm)

12 GAUGE STEEL, ADJUSTABLE
POWDER PAINT

(2x) 6" x 2" NON-MARKING
[(2x) 15x5cm]

20" ST: 125 lbs (57 kg)

20" HD: 165 lbs (75 kg)

28" HD: 225 lbs (102 kg)

20" HD ProPolish: 265 lbs (120 kg)

28" DC: 238 lbs (108 kg)

32" DC: 257 lbs (116 kg)

SCRUBDECK SYSTEM

PAD SIZE:

SCRUBDECK MOTOR POWER:

SCRUBDECK MOTOR RPM:

AC CURRENT DRAW:

20-EDGE: (1x) 20"x14"

28-EDGE: (1x) 28"x14"

32-EDGE: (1x) 32"x14"

(1x) 1.5 hp (746 watts)

ST: 1725 rpm

HD: 3450 rpm

DC: 2900 rpm

ST: 7 amps (110V/60 Hz)

HD: 9 amps (110V/60Hz)

BATTERY SYSTEM (DC MACHINES ONLY)

SYSTEM VOLTAGE:

STANDARD BATTERY AH RATING:

OPTIONAL BATTERY AH RATING:

BATTERY RUN TIME (STANDARD):

24 Volts

(2x) 85 Ah

(2x) 150 Ah

UP TO 2.5 Hrs.

POWER SYSTEM

VOLTAGE:

HZ:

CORD AC UNITS:

ALL AC UNITS: 110V/50-60Hz OR
220V/50Hz

DC UNITS: 24 Volts

50' / 12 gauge SAFETY YELLOW W/
LIGHTED PLUG

GENERAL

PRODUCTIVITY:

SOUND LEVEL:

20" ST: Up to 1,600 sq.ft/hr

20" HD: Up to 5,000 sq.ft/hr

28" HD: Up to 7,000 sq.ft/hr

20" HD ProPolish: N/A

28" DC: Up to 6,200 sq.ft/hr

32" DC: Up to 6,500 sq.ft/hr

ST: < 62 dBA

HD: < 73 dBA

COMMON WEAR PARTS

EDGE PADS AND SCREENS:

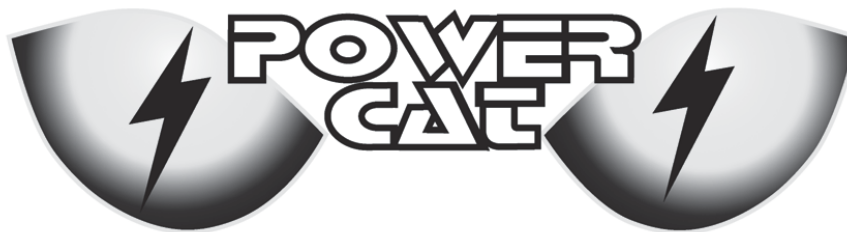
DESCRIPTION	28"×14" SCRUBDECK	20"×14" SCRUBDECK	13"×19"
White Pad	EDGE-4054	EDGE-4005	N/A
Red Pad	EDGE-4053	EDGE-4004	N/A
Blue Pad	EDGE-4052	EDGE-4003	N/A
Green Pad	EDGE-4051	EDGE-4002	N/A
Black Pad	EDGE-4050	EDGE-4001	N/A
White Driver Pad	EDGE-4058	EDGE-4025	EDGE-4019
60 Grit Sand Screen	EDGE-4059	EDGE-4026	EDGE-4020
80 Grit Sand Screen	EDGE-4060	EDGE-4027	EDGE-4021
100 Grit Sand Screen	EDGE-4061	EDGE-4028	EDGE-4022
120 Grit Sand Screen	EDGE-4062	EDGE-4029	EDGE-4023
150 Grit Sand Screen	EDGE-4063	EDGE-4030	EDGE-4024
20 Grit Sand Paper	N/A	EDGE-4031	N/A
36 Grit Sand Paper	N/A	EDGE-4032	N/A
60 Grit Sand Paper	N/A	EDGE-4033	N/A
80 Grit Sand Paper	N/A	EDGE-4034	N/A
100 Grit Sand Paper	N/A	EDGE-4035	N/A
100 Grit Diamond Polishing Pad	N/A	EDGE-4012	N/A
400 Grit Diamond Polishing Pad	N/A	EDGE-4013	N/A
800 Grit Diamond Polishing Pad	N/A	EDGE-4014	N/A
1500 Grit Diamond Polishing Pad	N/A	EDGE-4015	N/A
3000 Grit Diamond Polishing Pad	N/A	EDGE-4016	N/A
6000 Grit Diamond Polishing Pad	N/A	EDGE-4070	N/A
Tile/Grout Renovator Pad	EDGE-4048	EDGE-4018	N/A
Microfiber Pad	N/A	EDGE-4036	N/A
Abrader Plate	N/A	N/A	EDGE-4011
Dominator HD Strip Pad	EDGE-4055	EDGE-4006	N/A
Maroon ECO Prep Pad	EDGE-4056	EDGE-4007	N/A
Remover Burnishing Pad	EDGE-4057	EDGE-4008	N/A
Porko Burnishing Pad	N/A	EDGE-4017	N/A
Velcro Pad	N/A	300-4023	N/A

EDGE DIAMONDS FOR POLISHING MARBLE/TERRAZZO:

DESCRIPTION	PART NUMBER
30 Grit Diamond Strip	300-30GRIT4
50 Grit Diamond Strip	300-50GRIT4
100 Grit Diamond Strip	300-100GRIT4
200 Grit Diamond Strip	300-200GRIT4
400 Grit Diamond Strip	300-400GRIT4
800 Grit Diamond Strip	300-800GRIT4
1500 Grit Diamond Strip	300-1500GRIT4
3000 Grit Diamond Strip	300-3000GRIT4

EDGE ISOLATOR REPLACEMENT KITS:

DESCRIPTION	PART NUMBER
Kit for 20" AC Stick Machines	EDGE-7217
Kit for 28" AC Stick Machines	EDGE-7221
Kit for 28" DC Stick Machines	EDGE-7218
Kit for 32" DC Stick Machines	EDGE-7219
Kit for 20" DC Machines	EDGE-7209
Kit for 24" DC Machines	EDGE-7209
Kit for 28" DC Machines	EDGE-7210
Kit for 32" DC Machines	EDGE-7216
Bracket Kit for DC Machines	EDGE-7220



Industrial • Commercial • Environmentally Safe

TRADITIONAL DRUMS / TOTES



DEMO / RENTAL QUARTS



WALL-MOUNTED SUPERCON



ONBOARD AUTO DISPENSING



Onboard
Availability

FORMULAS

SUDS
Approved



707 Citrus Green

An environmentally cleaner that works! It is a solvent free degreaser that works on oil, carbon, even rubber marks. Incorporates the latest technology in "Green Cleaning".

SUDS
Approved



733 Low pH

Safe on most surfaces not harmed by water alone. Low scale formula to prevent alkali buildup in cleaning equipment, while offer detergent to emulsify oil.

SUDS
Approved



755 High Power

Ideal solvent fortified degreaser. This butyl based detergent is penetrating, fast acting, and deep cleaning with built-in corrosion inhibitors. It is our most effective degreaser.

SUDS
Approved



757 Gloss

A high gloss detergent designed to dry to a bright shine. It is ideal for use on finished surfaces, tile, epoxy, or enamel. The special formula removes salt residue, scuff marks and dirt, while leaving no residue behind. The result is a clean, non-slip surface, ready for immediate use.

SUDS
Approved



797 HD

The Heavy Duty concentrate is a Super alkaline detergent, formulated for heavy soil, grease, and thick buildup. Popular in machine shops, auto and truck repair, and other facilities with oil, hydraulic fluids and cutting oils.

***Below Sold in bulk concentrate only. Not available as a SuperCon, PowerDose or SUDS product.*

727 Pretreat**

Designed to quickly remove tire marks, oil stains and buildup that has accumulated. This pretreat uses the powerful cleaning of natural citrus extract and is intended to be used directly on the floor at 100% concentrate.

744 Tough Stuff**

Ideal for applications with Hard Water problems. It is safe to use in pressure washers and automatic scrubbers. The formulation enhances soil suspension, digests oil and grease, while supporting extra water conditioner.

PowerCat
P.O. Box 503
Racine, WI 53404-0503
Phone: 414-745-9337
Fax: 262-632-1630
www.powercatsolutions.com

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MACHINE INSTALL / WARRANTY REGISTRATION

Installing Dealer: _____ Installed By: _____

Location: (City, State): _____ Install Date: _____

End-User Company Name: _____ End-User Contact: _____

Address: _____ City/State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

Model: _____ Serial #: _____ Hour Meter: _____

BUYER'S REPRESENTATIVE HAS RECEIVED INSTRUCTION IN PROPER OPERATION OF THE FOLLOWING CONTROLS AND FEATURES:

SCRUBBERS:

- ☐ - Filling solution tank, Solution tank sight tube, Solution drain hose or valve for flushing and freezing conditions
- ☐ - Adjusting controls & operation, Double scrubbing, Squeegee lift delay, High Recovery RED Light, vacuum switch (horn honking) and vacuum timer
- ☐ - Recovery tank draining & cleaning in APPROVED locations only, Common Squeegee hose clog points, vacuum screen removal and cleaning, drain saver basket emptied
- ☐ - Shroud and pad/brush removal and installation
- ☐ - Side Wiper and Curtain adjustment and maintenance for water control
- ☐ - Solution valve and filter operation (removal and cleaning)
- ☐ - LCD display operation, 4 hour meters (key switch, brush, traction drive, vacuum)
- ☐ - Tank tilt back feature, only when both tanks are fully drained
- ☐ - Squeegee hose removal and checking for clogs

BURNISHERS

- ☐ - Train and have customer demonstrate proper removal and replacement of burnishing pad
- ☐ - Pad pressure gauge and proper operating range to avoid tripping the circuit breaker

SWEEPERS

- ☐ - Demonstrate proper removal and replacement of main broom and side brooms
- ☐ - Method for cleaning the dust filter, emptying out the debris hopper and correct installation
- ☐ - Correct operation of the main broom and side broom levers, and understands to park with brushes in UP position
- ☐ - Trained on the "Wet-Sweep" bypass door and not to operate through standing water

EDGE / ORBITZ MACHINES

- ☐ - EDGE / ORBITZ scrubbers must have their isolators & deck hour meter replaced every 1,000 hours of use
- ☐ - Customer understands the Grip Face is not warranted against damage from improper use or direct contact with the floor

ALL MACHINES

- ☐ - Checking for proper battery electrolyte level, electrolyte condition monthly, and check that battery terminals are properly torqued to 10ft/lbs
- ☐ - Parking Brake works and Park Brake Override functions if installed / Always park on a solid and level surface, NEVER on a movable or inclined surface
- ☐ - Charging operation and customer understands batteries have limited "cycles" and recharging = 1 cycle
- ☐ - Seat and steering wheel adjustment
- ☐ - Customer has read and understands the list of WARNINGS/CAUTIONS in the Operator manual
- ☐ - Battery and Machine Maintenance Guide posters hung up and reviewed
- ☐ - Manufacturer's website is a good source of information (Videos, PM Sheets) and sign up for quarterly newsletters
- ☐ - Operators and Parts manuals were delivered, reviewed, understood, and confirmation preventive maintenance is done every 100 hours of use and recorded on PM Sheets provided online or in manuals

Installed By (print) _____ Signature _____

Buyers Representative (print) _____ Signature _____

Buyer agrees to pay for any repairs, adjustments, or secondary training that manufacturer determines is excluded from the warranty.

Complete and Fax form to 1-866-632-6961 or Online at www.rpscorporation.com

STANDARD WARRANTY POLICY

RPS Corporation warrants its machines, parts and accessories to be free of manufacturer's defects for the periods specified below. Warranty will be granted at the sole discretion of RPS Corporation and is subject to final claim and parts review by R.P.S. Corporation and its vendors. This policy is effective January 1, 2014 and is subject to change on production units at a future date.

COVERAGE, EXCLUSIONS AND LIMITATIONS:

Coverage: All Models Except Floor Machines: 1 Year Parts / 2 Years (1,500 hrs) Motor / 90 Days Labor / No Travel
Zero3 Wall Mount Units: 6 Months Parts

Parts: 36 months / 1,500 hours on "Power On" hour meter

Labor: 12 months

Travel: 3 months (150 mile maximum)

Poly Tanks: 7 Years (Water must not exceed 135°F/57°C) / 3,000 Hours

OEM Parts: 90 Day New Part Warranty

Validity: Fully completed Machine Delivery Form (online or fax) is on record at RPS and machine is serviced by Factory Authorized Personnel.

Limitation: Warranty will begin on date of machine installation to end-user or 6 months after shipment from RPS Corp. to the distributor if unsold at that time.

This warranty includes all parts on the machine except normal wear parts. Some examples of wear parts are:

- EDGE / ORBITZ isolators with evidence of deck damage (images required) or > 1,000 hours.
- Squeegee Blades, Wiper Blades, Skirts and Curtains.
- Caster Wheels, Squeegee Wheels and Bumpers.
- Lights (Strobe, Headlights, or Bulbs).
- Chains and Belts.
- Filters, Screens, and Vacuum Bags.
- Motor Brushes and commutator wear.
- Brooms, Brushes, Pads and Pad Retainers.
- Hoses and Tubing.
- Drive Tires, Pneumatic Wheels and Tubes.
- Rubber Floor Seals and Gaskets.
- Vacuum motors with evidence of moisture or debris intrusion or > 400 hours.
- The Batteries (see below).
- **NOT COVERED:** Routine maintenance, adjustments or parts damaged from abuse, neglect, improper use of the machine, or lack of scheduled "daily, weekly, monthly" maintenance in accordance with our published PM Sheets.

POLY TANKS: 7 Years Coverage against leakage due to manufacturer's defect in materials or workmanship. Tank warranty void if water used exceeds 135°F/57°C

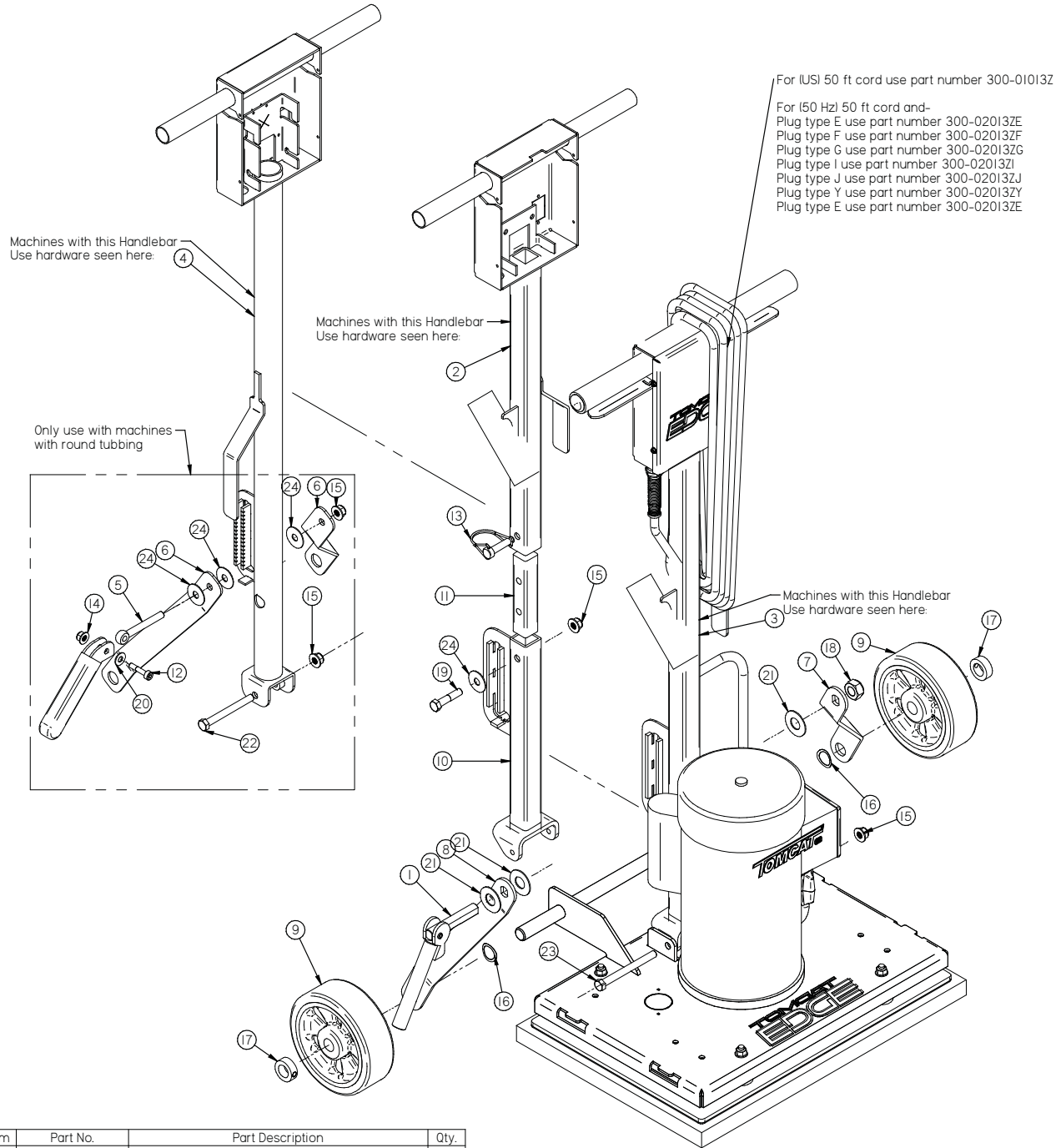
NOTE: Freight coverage for 3 Years under the parts section of warranty.

BATTERIES: Warranted through battery manufacturer for **One (1) Year** (pro-rated) from the date of delivery. The battery manufacturer approves or denies the warranty coverage after analysis. We rely solely on their review.

NOTE NOT COVERED: Damage from lack of water, failure to use OEM charger, or non-distilled water. Battery terminals – Battery terminals and cable connections are covered for 30 days from the shipment of the machine. (Battery terminals tightness should be inspected every 30 days and performed according to the manufacturer's recommendations.)

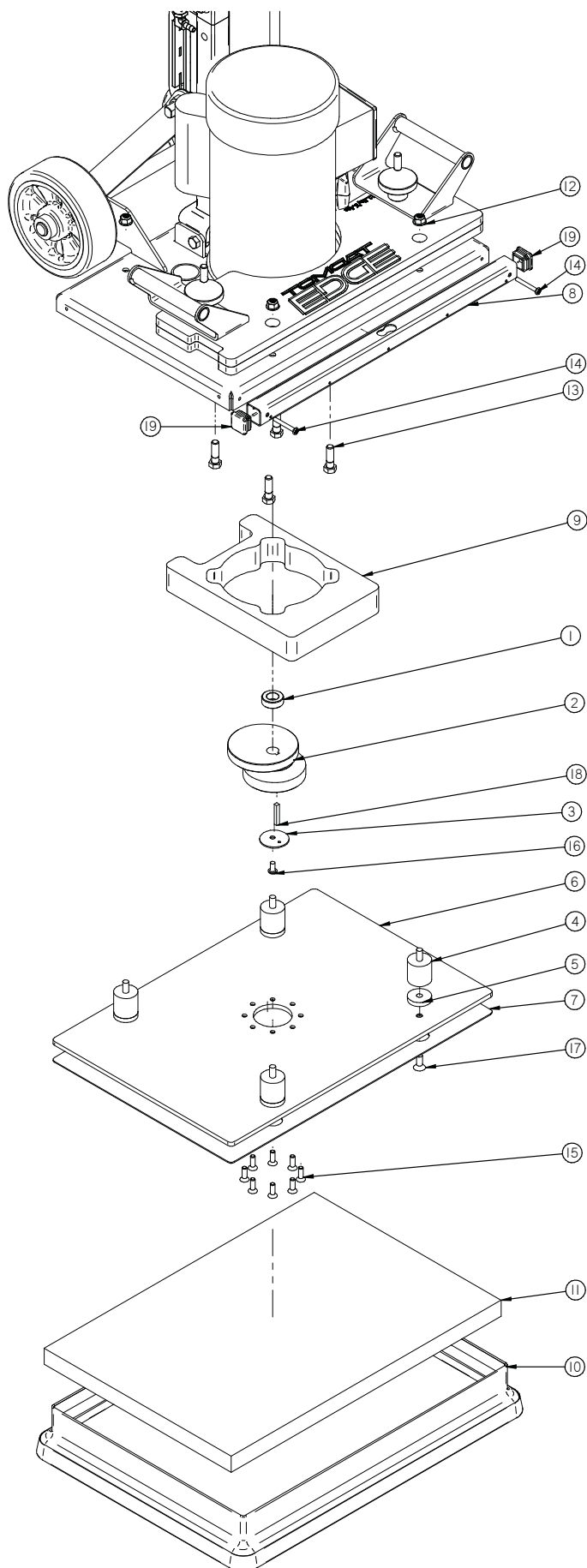
PARTS SECTION

HANDLEBAR VERSIONS



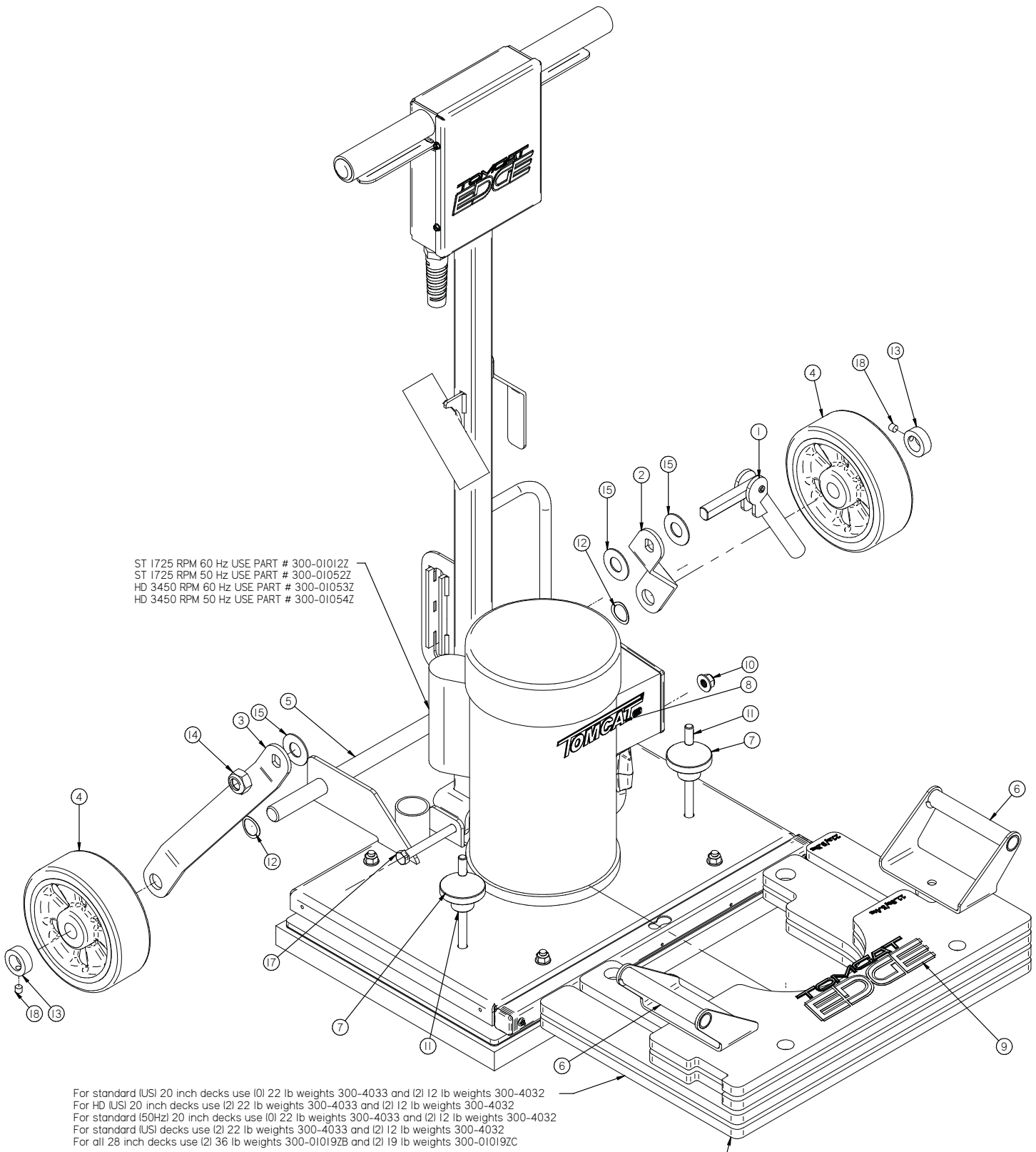
Item	Part No.	Part Description	Qty.
1	280-1023	HANDLE BAR CLAMP	1
2	300-01015Z	HANDLE BAR (2 PIECE SQ. TUBE)	1
3	300-01015Z	HANDLE BAR (1 PIECE SQ. TUBE)	1
4	300-01015Z	HANDLE BAR (ROUND TUBE)	1
5	300-01020Z	HANDLE LOCK EYE BOLT	1
6	300-01021Z	HANDLE LOCK STAY	2
7	300-01021ZL	LEFT HANDLE LOCK STAY	1
8	300-01021ZR	RIGHT HANDLE LOCK STAY	1
9	300-01025Z	WHEEL	2
10	300-03015Z	LOWER HANDLE BAR	1
11	300-03016Z	HANDLE BAR COUPLER	1
12	H-	SHCS 5/16-18 X 1-1/4 SS	1
13	H-0120678	.375 ZINK ROUND DOUBLE WIRE SNAPPER PIN,par	1
14	H-0167031	FLANGED NYLON 5/16-18	1
15	H-0167032	FLANGED NYLON 3/8-16	4
16	H-05231	WW 3/4 ID X 10D SS	2
17	H-33376	SHAFT COLLAR, 3/4" ID X 9/16 LG	2
18	H-37036	NYL 5/8"- 11	1
19	H-70110	HCS 3/8"- 16 X 1-3/4" SS	1
20	H-71015	FW 5/16 ID X 3/4 OD SS	1
21	H-71025	FW 5/8 ID X 1-1/2 OD SS	3
22	H-71193	HCS 3/8"- 16 X 3-1/2" SS	1
23	H-71193	HCS 3/8"- 16 X 4" SS	1
24	H-71216	FNW 3/8 ID X 1-1/4 OD SS	4

SCRUBDECK ASSEMBLY



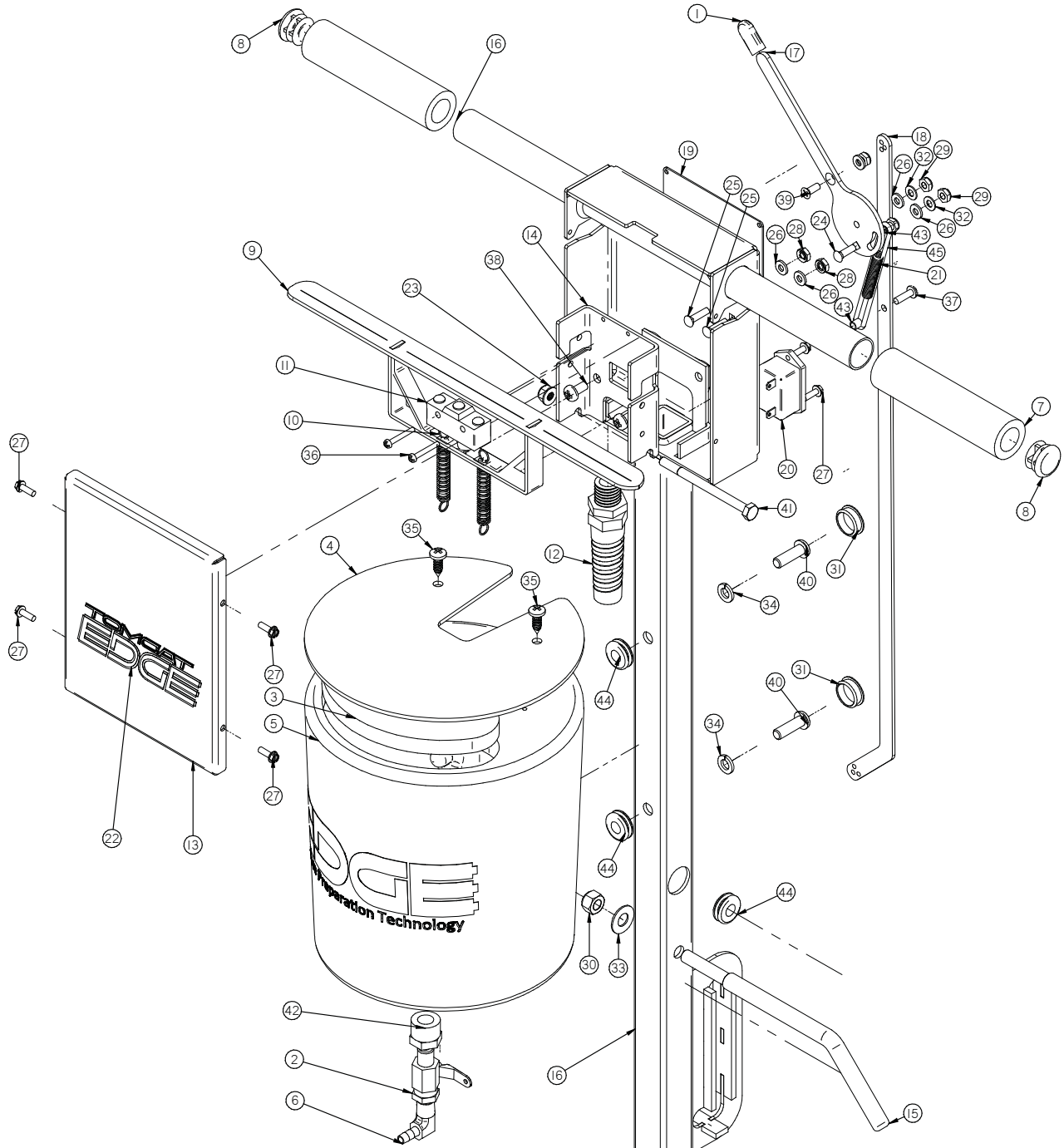
Item	Part No.	Part Description	Qty.
1	300-01016Z	MOTOR SHAFT SPACER	1
2	300-01028ZA	20" ECCENTRIC BEARING ASSEMBLY	1
3	300-01030Z	CRUSH WASHER	1
4	300-01032Z	RUBBER ISOLATOR	4
5	300-01033Z	20 & 28" SPACER	4
6	300-01034Z	20 INCH ALUMINUM PAD DRIVER	1
7	300-01037Z	GRIP FACE	1
8	300-03026Z	SOLUTION FEED TUBE (20")	1
9	300-1072	1-1/2" BEARING GASKET	1
10	300-4012	20" FEED TUBE DUST CURTAIN	1
11	EDGE-4004	RED PAD 14" X 20"	1
12	H-016703I	FLANGED NYLOK 5/16-18	4
13	H-70107	HCS 3/8" - 16 X 1-1/4" SS	4
14	H-72554	PPH #10-32 X 1-1/2"	2
15	H-72708	FHP 1/4" - 20 X 3/4"	8
16	H-73752	BHSCS 1/4 - 20 X 1/2" SS	1
17	H-73907	FHSCS 5/16" - 18 X 3/4" SS	4
18	H-KI4320	3/16" X 1 1/4" KEY	1
19	M-9565K5I	1.0 X 1.0 SQ TUBE PLUG	2

SCRUBDECK WEIGHTS



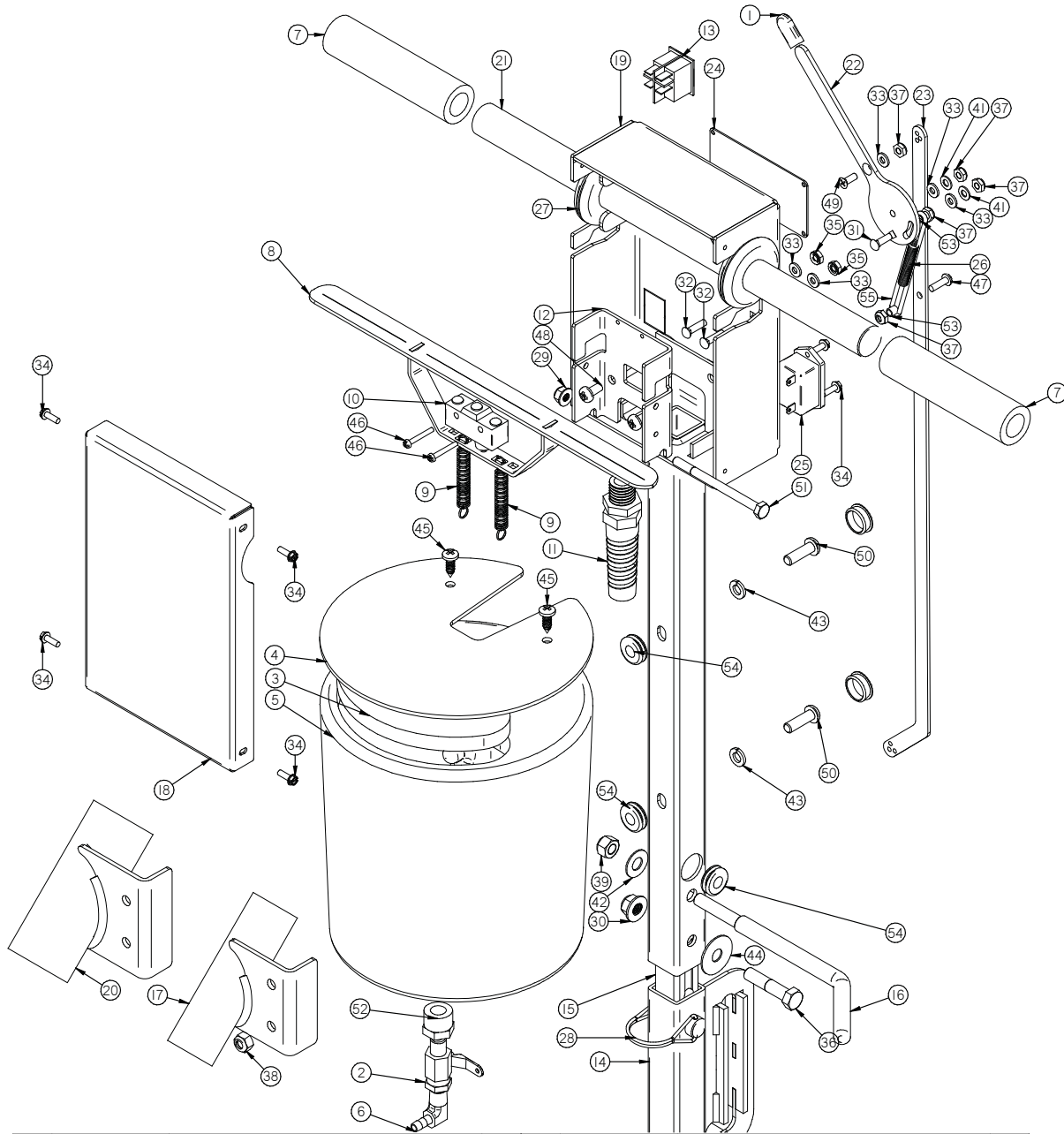
Item	Part No.	Part Description	Qty.	Item	Part No.	Part Description	Qty.
1	280-1023	HANDLE BAR CLAMP	1	10	H-0167032	FLANGED NYLOK 3/8-16	1
2	300-01021ZL	LEFT HANDLE LOCK STAY	1	11	H-0172941	HCS 3/8"- 16 X 5" FULL THREAD SS	2
3	300-01021ZR	RIGHT HANDLE LOCK STAY	1	12	H-05231	WW 3/4 ID X 10D SS	2
4	300-01025Z	WHEEL	2	13	H-33376	SHAFT COLLAR, 3/4" ID X 9/16 LG	2
5	300-05027Z	20" BASE FOR SQ. HANDLEBAR	1	14	H-37036	NYL 5/8"- 11	1
6	300-1020	LIFT HANDLE	2	15	H-71025	FW 5/8 ID X 1-1/2 OD SS	3
7	300-5786	3/8-16 KNOB	2	16	H-71067	LW 3/8" SS	2
8	370-7203	TOMCAT STICKER	1	17	H-71193	HCS 3/8"- 16 X 4" SS	1
9	EDGE-7204	8 INCH EDGE STICKER	1	18	H-81983	5/16" X 1/4" KURL SET SCREW	2

WATER TANK AND HANDLEBAR



Item	Part No.	Part Description	Qty.	Item	Part No.	Part Description	Qty.
1	150-4480	HANDLE GRIP (BLUE)	1	24	H-0172519	CB #10-32 X 5/8" SS	1
2	170-4158	1/4" NPT VALVE	1	25	H-0172520	CB #10-32 X 3/4" SS	2
3	280-1070	TANK LID GASKET	1	26	H-11107629	FW #10 NYLON	5
4	280-1401	TANK LID	1	27	H-32404	FB #8-32 X 3/4"	6
5	280-4140	SOLUTION TANK	1	28	H-37408	KN #10-32	2
6	290-4149	1/4" NPT X 1/4" BARB X 90 DEG	1	29	H-70858	NYLOK #10-32 SS	5
7	300-01001Z	HAND GRIP	2	30	H-70862	NYLOK 3/8"-16 SS	1
8	300-01002Z	HANDLE PLUG	2	31	H-70888	HOLE PLUG 3/4"	2
9	300-01003Z	SWITCH BAR	1	32	H-71009	FW #10 SS	2
10	300-01004Z	SWITCH SPRING	2	33	H-71017	FW 3/8 ID X 7/8 OD SS	1
11	300-01005Z	MICRO SWITCH	1	34	H-71065	LW 5/16" SS	2
12	300-01006Z	CORD STRAIN RELIEF	1	35	H-71893	1/4 X 3/4 SELF TAPPING SCREW	2
13	300-01007Z	COVER	1	36	H-72390	PPH #6-32 X 1" MS S/S	2
14	300-01008Z	SWITCH ACTUATOR GUIDE	1	37	H-72517	PPH #10-32 X 5/8" SS	1
15	300-04042Z	CORD WRAP	1	38	H-72586	PPH 1/4-20 X 1/2" SS	2
16	300-05015Z	HANDLE BAR (1 PIECE SQ. TUBE)	1	39	H-72682	FHP #10-32 X 1/2" SS	1
17	300-2005	VALVE LEVER	1	40	H-73780	BHSCS 5/16-18 X 1	2
18	300-2006	PULL ROD	1	41	H-77017	HCS 1/4" - 20 X 3.5" SS	1
19	4-101	SERIAL NUMBER PLATE	1	42	M-4429K422	.50 MNPT X .25 FNPT BRASS	1
20	8-262	HOUR METER	1	43	M-6391K122	.25 OD X .1875 ID X .25 LG SLEEVE	2
21	8-436	DOWN PRESSURE CONTROL SPRING	1	44	M-9307K23	GROMMET, 3/8 ID X 7/8 OD X 1/8 TH.	3
22	EDGE-7203	5 INCH EDGE STICKER	1	45	M-9452K66	.125 X 2.25 X 2.5 O-RING	1
23	H-0167030	FLANGED NYLOK 1/4-20	1				

ISOLATED HANDLEBARS



Item	Part No.	Part Description	Qty.	Item	Part No.	Part Description	Qty.
1	150-4480	HANDLE GRIP (BLUE)	1	29	H-0167030	FLANGED NYLOK 1/4"-20	1
2	170-4158	1/4" NPT VALVE	1	30	H-0167032	FLANGED NYLOK 3/8"-16	1
3	280-1070	TANK LID GASKET	1	31	H-0172519	CB #10-32 X 5/8" SS	1
4	280-1401	TANK LID	1	32	H-0172520	CB #10-32 X 3/4" SS	2
5	280-4140	SOLUTION TANK	1	33	H-11107629	FW #10 NYLON	5
6	290-4149	1/4" NPT X 1/4" BARB X 90 DEG	1	34	H-32404	FB #8-32 X 3/4"	6
7	300-010012	HAND GRIP	2	35	H-37408	KN #10-32	2
8	300-010032	SWITCH BAR	1	36	H-70110	HCS 3/8"- 16 X 1-3/4" SS	1
9	300-010042	SWITCH SPRING	2	37	H-70858	NYLOK #10-32 SS	5
10	300-010052	MICRO SWITCH	1	38	H-70861	NYLOK 5/16"- 18 SS	1
11	300-010062	CORD STRAIN RELIEF	1	39	H-70862	NYLOK 3/8"-16 SS	1
12	300-010082	SWITCH ACTUATOR GUIDE	1	40	H-70888	HOLE PLUG 3/4"	2
13	300-0234	SWITCH, ROCKER, DPDT, ON/OFF	1	41	H-71009	FW #10 SS	2
14	300-030152	LOWER HANDLE BAR SQ. TUBE	1	42	H-71017	FW 3/8 ID X 7/8 OD SS	1
15	300-030162	HANDLE BAR COUPLER	1	43	H-71065	LW 5/16" SS	2
16	300-040422	CORD WRAP	1	44	H-71216	FW 3/8 ID X 1-1/4 OD SS	1
17	300-050182	VAC HOSE COUPLER	1	45	H-71893	1/4 X 3/4 SELF TAPPING SCREW	2
18	300-060072	COVER	1	46	H-72390	PPH #6-32 X 1" MS S/S	2
19	300-060172	UPPER ISOLATED HANDLE BAR	1	47	H-72517	PPH #10-32 X 5/8" SS	1
20	300-060182	VAC HOSE COUPLER	1	48	H-72586	PPH 1/4-20 X 1/2" SS	2
21	300-060192	SOLID ISOLATED HANDLE BAR	1	49	H-72682	FHP #10-32 X 1/2" SS	1
22	300-2005	VALVE LEVER	1	50	H-73780	BHSCS 5/16-18 X 1	2
23	300-2006	PULL ROD	1	51	H-77017	HCS 1/4"- 20 X 3.5" SS	1
24	4-101	SERIAL NUMBER PLATE	1	52	M-4429K422	.50 MNPT X .25 FNPT BRASS	1
25	8-262	HOURLY METER	1	53	M-6391K122	.25 OD X .1875 ID X .25 LG SLEEVE	2
26	8-436	DOWN PRESSURE CONTROL SPRING	1	54	M-9307K23	GROMMET, 3/8 ID X 7/8 OD X 1/8 TH.	3
27	H-	GROMMET, 1" ID X 2.0" OD BUNA-N	2	55	M-9452K66	.125 X 2.25 X 2.5 O-RING	1
28	H-0120678	.375 ZINC ROUND DOUBLE WIRE SNAPPER PIN	1				



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