



# VIPER XT™



## WerkMaster Viper XT Versatile Grinder & Polisher



The WerkMaster Viper XT is designed specifically to meet the needs of contractors, facility services, equipment rental and DIYers.  
**7 Machines in 1 – Grinds, strips, sands, polishes, buffs, burnishes, and edges to within 1/8" (3 mm) of the wall!**

- Removes thinset, epoxy, glue, paint and mastic
- Features WerkMaster Octi-Disc™

technology with 8 counter rotating heads and the versatility of using our 5" (127mm) ULTRA-FLEX Plug 'N Go tooling

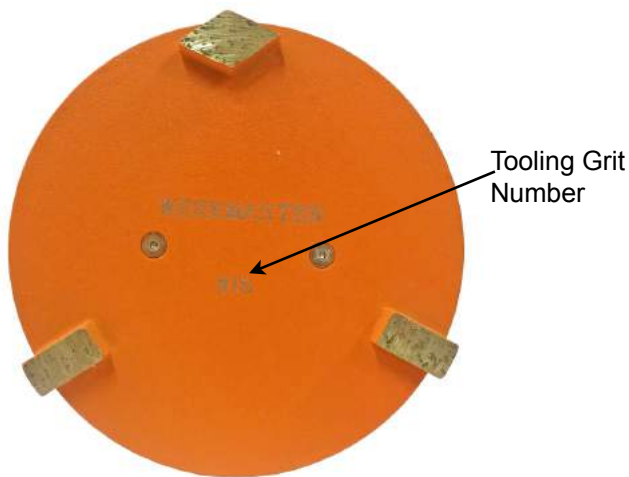
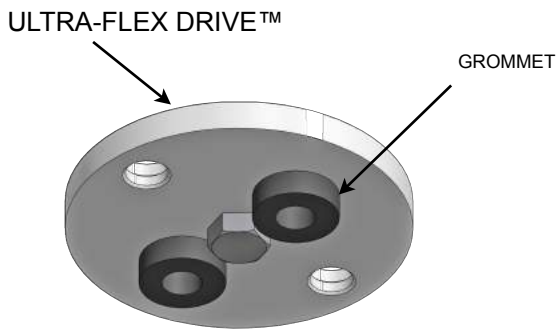
- Runs wet or dry on concrete, stone, terrazzo or VCT tile; dry on hardwood
- Easy to use and operator friendly, weighs only 205 lbs (93 kg) with a 17" (43 cm) footprint and a variable speed motor with a disc rotation speed range of 450 – 1800 RPM
- The Viper XT has a 3 HP 220V motor that runs on 110V using a Quick 220 adapter, or plug directly into a single phase 220V outlet or a 4 kW generator

VIPER XT	
Footprint: in (cm)	17 (43.2)
Disc Size: in (cm)	5 (12.7)
Weight: lbs (Kg)	205 (93)
Disc Speed Range: RPM	450-1800
Horsepower	3
Voltage: VAC	208/230 (110+)
Frequency: Hz	50/60
Electric Phase: Ph	1
Breaker Size: Amp	20
Vacuum Req: CFM	150
Min. Generator: kW	4.0+
Max Cable Length: ft (m)	350+ (107+)

Please visit <http://www.werkmaster.com/product-videos/> for a demonstration of techniques using WerkMaster Machines for removing various adhesives and substrates from concrete.

# WerkMaster Viper XT Maintenance Checklist

**ATTENTION:** It is important that the WerkMaster Viper XT go out to the end user with all included accessories. Ensure all moving parts in are in good working order.



## DUST SKIRT

Ensure dust skirt is not chipped and in good working order. **A dust skirt that is broken may leak and release substrate material into the work area atmosphere.**

## ULTRA-FLEX DRIVE™

8 - ULTRA-FLEX DRIVE™ connected to machine output shaft. All ULTRA-FLEX DRIVE™ must include 2 grommets. Check for cracks and splits in grommets and replace if damaged prior to sending it out to rental.

## SURFACE PREPARATION

For removing coating like Glue, Epoxy, Paint and Thinset use WerkMaster full 5" inch full plate 16 grit shark tooling.(rented)

## GRINDING, REDUCE SCRATCHES

All other WerkMaster Tooling please refer to:  
<http://www.werkmaster.com/machine-specific-tooling/>  
To purchase from an authorized WerkMaster Dealer

## TOOLING

Ensure all tooling has the same even wear and is of the same grit. **Unevenly worn tooling will result in poor performance on the substrate you are working on.** The tooling grit number is stamped on the front of tool.

**WARNING**

**SAFETY TOPICS:**



Read the Operator's Manual or the Operation and Safety Guide and all of the safety precautions before attempting to operate WerkMaster machines. Failure to follow the safety precautions could result in severe personal injury or death. Please visit [www.werkmaster.com](http://www.werkmaster.com)

**SAFETY CHECKLIST:**

**WARNING: ALWAYS** turn the equipment off and unplug the power cord when changing discs/tooling, before servicing, and when not in use.



1. Before connecting the equipment to a power source make sure that is the correct voltage.
2. Ensure that all cords on the equipment are securely fastened and in good repair.
3. Ensure that all extension cords and power outlets are rated for the intended use, are in good repair, and are properly grounded (3 prong configuration).
4. Never operate the equipment under the influence of drugs or alcohol or when extremely fatigued.
5. If the equipment doesn't start or stops while running contact the rental dealer.



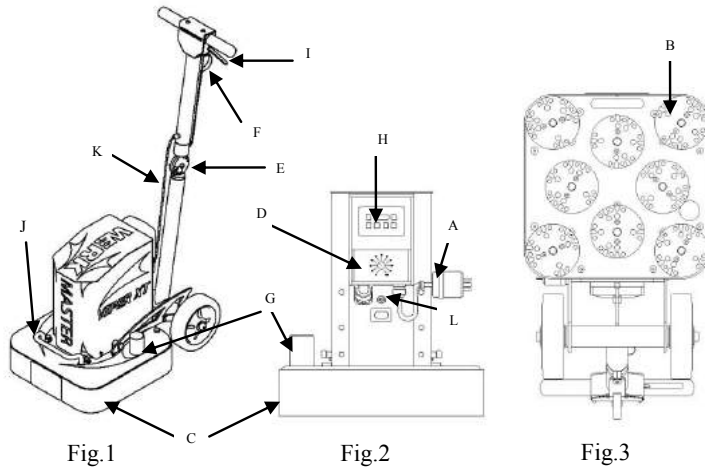
**WARNING: Never turn the equipment on while it is tilted back. Any discs/tooling attached to the bottom could eject and become a lethal projectile.**



Wear appropriate personal safety equipment such as hearing and eye protection and a dust mask or respirator.



**Tool Application:** The VIPER XT™ can be used to grind and/or polish a concrete surface.



**Tool Operation:**

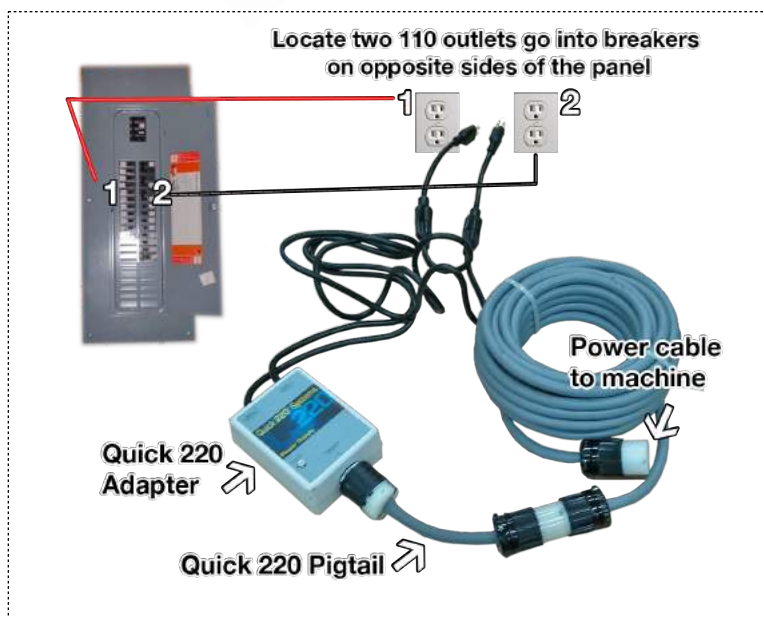
Step	Action
1	Unplug the power cord from the twist lock plug (A). Ensure the handle is in its full upright position (Fig.1). Tilt the equipment back (Fig.2). Choose the appropriate tooling holder attachment – 5" magnetic Plug 'N Go plate (B) for Metal bond tools or 5" Foam/Velcro Adapter plate for polishing resins. Insert the 2 shear pins into the rubber grommets. Then attach the corresponding tooling to the plate.
2	Lift the equipment back to the upright position. Loosen and lower the dust skirts (C) so that it is just above the working surface. Turn the speed control knob (D) to 30%. Ensure that the 4 pin connector cord (K) is securely fastened to the mating receptacle (L).
3	Adjust the handle to a comfortable operating position by removing & inserting the pull pin at the swivel joint (E). Slide the vacuum hose & electrical power cord through the strap (F) on the holding arm (if equipped). Connect the vacuum hose to the vacuum pipe (G). Plug the power cord into the twist lock plug (A).
4	The display/keypad (H) will light up. Grasp the handle bars. To start the equipment gently squeeze the activation lever (I). Adjust the speed as required. To stop the equipment let go of the activation lever.
5	When the equipment is in operation it should move smoothly and without chattering. If chattering or excessive vibration occurs stop the equipment, unplug the power cord, tilt it back and verify that all the tooling is seated properly.
6	Move the equipment continuously in any direction using a circular motion. Be sure keep it moving at all times to prevent unwanted marks. View training video at <a href="http://www.werkmaster.com/viper-xt/">www.werkmaster.com/viper-xt/</a> .
7	Lifting Handle (J) located at the front of the equipment.

## HOW TO USE THE QUICK 220 ADAPTER



Allows you to easily power 220V equipment from ordinary household 115V or 120V outlets. To use the converter, plug it into two common household outlets, connect 220V equipment and begin to use.

Access to 220V power is made easy, fast and safe without the heat and weight of a step-up transformer.



### Step 1 - Identify Two separate 110V Power Sources

Use appropriate extension cords with grounds as necessary to reach 110/120 volt outlets.

The Quick 220 requires two separate 110V volt line feeds in order to create 220 volts of power to run your machine. Each plug must be connected to a breaker on either side of your electrical panel.

### Step 2 - Making the Power Connection

- Connect "PLUG 1" power cord to 110/120 volts AC outlet. The Quick 220 power supply will give an audible "click" as "PLUG A" is inserted into the outlet.
- Connect "PLUG 2" power cord to other 110/120 volt AC outlets until "220 Volts" lamp on front panel illuminates. (An extension cord will probably be necessary.)

As "PLUG 2" is inserted into the outlet, the Quick 220 power supply will give an audible "click." If there is no "click," disconnect and try another outlet.

- When "220 Volts" illuminates, 220/240 volts is ready for use on 220/240 volt outlet.

- If "220 Volts" does not illuminate, move "Plug 2" to other outlets until "220 Volts" lights.



Use only grounded extension cords when using the Quick 220 Adapter



GFI outlets are not compatible with the Quick 220 Adapter.







Contact our Customer Support Team to Learn More 1 866 373 WERK or 604 629 8700

# WerkMaster Viper XT Parts Re Order List

## PARTS DESCRIPTION LIST FOR HOME DEPOT USE ONLY

<b>Viper XT Service Kit</b>	008-0374-01	Includes 1 set of all Suggested On-Hand QTY items listed below	1
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**Ordering individual components of the Viper XT Service Kit does not include shipping & handling. The costs are the responsibility of each THD Store.**

IMAGE	PART #	DESCRIPTION	SUGGESTED ON-HAND QTY
	520-0036-00 → 520-0035-00 → 520-0044-00 →	Belt for machine model number 001-0050-00 001-0055-00 001-0066-00	2
	008-0114-00	3/8" Shear Pin & 1/4" Screw Combo	20
	008-0207-00	3/8 Black Grommet Viper XT	20
	008-0208-00	1" Black Bumper Durom 70	20
	002-1456-00	5" - 16 Grit Medium (Orange) Full Plate Tooling	8
	008-0264-01	Viper XT Dust Skirt	2