

# U<sup>®</sup> SAND SERIES



US-Pro

US-146

BT700

Patented Random Orbit Technology

[www-u-sand.com](http://www-u-sand.com)

2017

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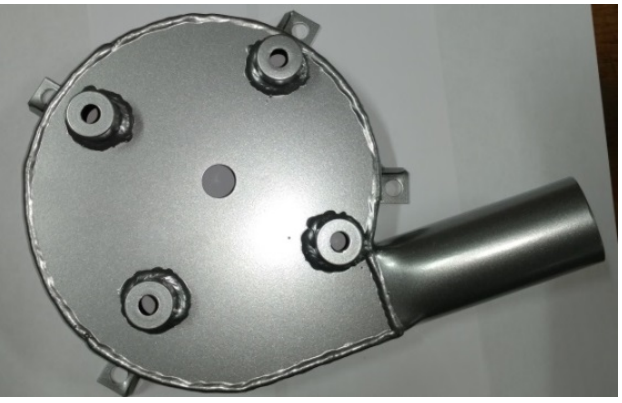

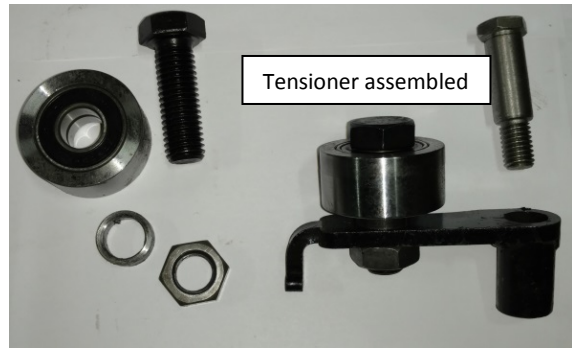


Unit	US-146	US-PRO	BT700
Weight	125	115	147
Motor	1.5HP	1.5HP	3HP
Power	110	110	220
Power Cord Length	25'	25'	50'

All units include-(4) four 6" backer pads, (1) one adjustable dust skirt, power cord, vacuum bag



These units are ready to run minutes out of the box. Choose your paper and you are ready to go!

INTERCHANGEABLE PARTS FOR ALL THREE UNITS	INTERCHANGEABLE PARTS FOR ALL THREE UNITS
<p data-bbox="201 338 253 363">BP6</p> <p data-bbox="201 373 776 472">6" Backer Pad-foam pads that attach to the bottom of the unit using a 3/4" open end wrench. Allows the unit to float across the floor.</p> 	<p data-bbox="800 338 935 363">US115-146</p> <p data-bbox="800 373 1414 472">Dust Skirt-removable clear plastic backed hook and loop skirt that is adjusted according the height of the floor for optimum vacuum capabilities.</p> 
<p data-bbox="201 882 266 907">BPS6</p> <p data-bbox="201 917 764 1052">6" Backer Pad Saver-thin material with hook and loop on both sides to extend the hook and loop life of the backer pads. Sold as a pack of (4)</p> 	<p data-bbox="800 882 935 907">US114-146</p> <p data-bbox="800 917 1382 978">Flanged grip for hand comfort when running the machine</p> 
<p data-bbox="201 1341 347 1367">US-VBAS14</p> <p data-bbox="201 1377 776 1545">Fire Lock™ Vacuum Tensioner assembled composed of fire retardant material. All warnings and instructions are printed on the bag for safe use. Used to collect the dust created when using the machine.</p> 	<p data-bbox="800 1341 911 1367">US-PORT</p> <p data-bbox="800 1377 1406 1476">Vacuum adapter. Designed to fit snugly over the blower exhaust outlet on the machine smaller end is for attachment to a separate vacuum system.</p> 



<p>US115-146B</p>	<p>LS-AS</p>
<p>Dust skirt permanently attached to the base of the machine-The US115-146 removable dust skirt attaches to this for maximizing dust collection.</p> 	<p>Lower Shaft Assembly Consists of the lower shaft, 2 bearings and a snap ring to hold the bearings in place. The backer pads screw into this part of the spindle.</p> 
<p>US-152</p> <p>Gasket-sits between the motor and deck plate to ensure a snug dust free seal for the belt.</p> 	<p>PCB-146</p> <p>Serpentine belt used to drive the spindles enabling the backer pads to freely spin in a random orbit motion.</p> 
<p>US119-146-Switch</p> <p>Switch for sanders.</p> 	<p>US119-146-Cover</p> <p>Front and back of Switch Cover-Protects the switch from dust particles</p> 

<p>MT-AS1</p> <p>Fan blade with hub assembly bolted to the fan housing to pull dust from under the machine into the exhaust port</p> 	<p>CH103-146</p> <p>Fan housing-below the motor encases the MT-AS1 for dust extraction to the exhaust port</p> 
<p>WRK-146P</p> <p>Wheel replacement kit contains the following items 1 wheel, 2 washers, 1 wave spring, and 1 snap ring.</p> 	<p>BT-AS</p> <p>Belt tension assembly. Bolted on unit deck plate to keep belt tension steady and travel of the belt even between the spindles. Includes Belt tensioner, sleeve w/bearings, bolt and spring bolt.</p> 
<p>HW-SP3/4 Spring for belt tensioner</p>  <p>Replace this spring when it no longer holds the tensioner tightly.</p>	



<p>US-VBAS14-CLAMP</p> <p>Clamp used to secure bag to hose</p>	<p>US-VBAS14-HOSE</p> <p>Hose inserted into bag to fit over the vacuum port on machine for dust collection</p>
	

**PARTS FOR SPECIFIC UNITS**

<p>PC-146-FLP yellow cord</p> <p>25' 110 power cord. Utilizing twist lock technology this cord is removable for easy transport and storage/replacement. Used on US-146/US-PRO—PC-146-FLPC grey cord</p> 	<p>PC-146-FLP-7</p> <p>50' 220 power cord. Utilizing twist lock technology this cord is removable for easy transport and storage/replacement. Used on BT700 model</p> 
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<p>SP-AS</p> <p>Spindle Assembly Consists of a lower shaft assembly, main shaft, housing, bearings, spindle pulley and spacer. This part transfers the belt action to the backer pads.</p>  <p>SP-AS-C for Pro units, SP-AS-7 for BT700 units</p>
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<p>US132-146</p> <p>10# counter weight. Installed on US-146 and BT700 units for added weight.</p>  <p>Not available for US-Pro units</p>
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TOOLS USED FOR ALL THREE UNITS	TOOLS USED FOR ALL THREE UNITS
<p>SK-020611-01</p> <p>Spanner Wrench This wrench is used to loosen the spindle housing nut to release the spindle from the deck plate (sometimes a chisel is needed to crack this loose, a new nut is sent with each rebuilt spindle)</p> 	<p>SH-146</p> <p>Slide Hammer This tool is used to remove the lower shaft from the spindles when the bearings need replaced. It inserts via the same way the backer pads connect. Then you work the tool to pull the lower shaft from the spindle</p> 
<p>US142-146</p> <p>Knob for handle unit-adjustor for upper handle</p> 	<p>WH-AS1</p> <p>Wheel assembly sub-axle and bracket, attaches to the deck plate.</p> 
<p>A-102060-19 or A-102060-3 3HP                      1.5HP</p>	<p>A-A35406-2385 or A-A35406-44U 3HP                      1.5 HP</p>
<p>3HP or 1.5HP run capacitors for motors.</p> 	<p>3HP or 1.5HP start capacitors for motors.</p> 

<p>F-146</p> <p>Replacement motor fan (plastic). This is on top of the motor under the cover.</p> 	<p>FC-146,or FC-PRO, or FC-700</p> <p>Replacement motor fan cover this encases the plastic fan on the left. Specify motor when ordering</p> 
<p>HW-Manual Reset Switch Cover</p>	<p>HW-Manual Reset</p>
<p>Manual reset switch cover for Pro and BT700 units only.</p> 	<p>Replacement manual reset switch for Pro and Bt700 units only</p> 
<p>PC-146-MLP – US-146 unit</p>	<p>PC-146B - US-146 unit</p>
<p>17" Cord from switch to extension cord  PC-146-MLPC- grey PRO UNIT  PC-146S-7 - yellow BT700 UNIT</p> 	<p>43" Cord from switch to motor  PC-146C - PRO UNIT  PC-146B-7 BT700 UNIT</p> 



<p><b>UP-HANDLE</b></p>	<p><b>LO-HANDLE</b></p>
<p>Upper handle unit powder coated includes electric box. Must specify color-beige, silver, yellow.</p> 	<p>Lower handle unit powder coated. Must specify color- beige, silver, yellow</p> 
<p><b>CH102-146</b></p> <p>Belt Cover unit-(2pc set) front and back-specify unit</p>  <p>CH102-146-beige, CH102-146-P Black CH102-146-7 yellow</p>	<p><b>CH101-146</b></p> <p>Base Plate-must specify color</p>  <p>CH102-146-beige, CH102-146-C silver, CH102-146-7 yellow</p>
 <p>Hint: always make sure belt is running level from one spindle to the next after replacing belt. Adjust height by moving the tensioner up/down with a bar to adjust belt to run straight from one spindle to the next.</p>	<p>For maintenance and repair instructions please visit our website and view detailed instructions.</p> <p><a href="http://www.u-sand.com/rental-customers/manuals.aspx">http://www.u-sand.com/rental-customers/manuals.aspx</a></p> <p>or</p> <p><a href="http://www.u-sand.com">www.u-sand.com</a> customer help download operations manual you will find the maintenance manuals available for all units</p>

ABRASIVES		ABRASIVES	
U-600K			
<p>6" Buff Pads a maroon colored pliable but rough material used to remove build up on floors that need a light buff and new coat of finish. Also used as a gentle abrasive for scuffing the first coat of finish to ensure good adhesion of the latter layers of finish. Sold in a (4) pack.</p>		<p>For best performance use paper recommended by the manufacturer of the equipment you are using.</p> <p>Paper recommended by us has been tested to perform well on our equipment.</p>	
			

## Sandpaper Packaging Options

Available in standard 20discs pkg.

Or 60-disc Contractor Box (CP) packaging

### Aluminum Oxide (S)

Grits-24,36,40,60,80,100,120,180,220

- **Sturdy D-paper, high tear resistance, Resin over resin, very open coat,**
- **New Flooring/old Floor Refinishing**
- **Optimized price performance ratio easy to use**

### Premium Zirconia (Z)

Grits-24,36,40,60,80,100,120

- **Extra heavy cloth backing extends the life of these discs**
- **New Flooring/old Floor Refinishing**
- **Self –sharpening abrasive for long service life**
- **Extremely high abrasive performance**