



Model Number: 202313103

202313103 Tornado TS120-S59-UC 20 inch Cordless Ride-On Floor Scrubber 21 gallon with Lead Acid Battery Air Mover

Manufacturer: Tornado

BDSO 20/21 Stand-On Rider Auto-Scrubber

The new Tornado BDSO 20/21 Stand-On Scrubber combines the comfort and efficiency of a rider with the practicality of a small scrubber. This 20" stand-on model can be maneuvered easily through standard-size doorways and in tight spaces thanks to its low profile, tight 53 inch turning radius, 90 degree steering and squeegee rotation that follows the machine on every curve. Spend less time cleaning floors with the ability to cover 22,000 sq. ft./hr. and the flexibility to tackle a variety of floor surfaces. The 48.5 lbs of down pressure and 140 rpm of agitation maximizes soil removal, while the water recovery system provides a streak-free clean that leaves floors dry and safe. This 20" scrubber packs in big features that keeps downtime to a minimum, like a sink fill hose that attaches to a faucet and the on-board squeegee lever that provides the ability to do a double scrub without exiting the machine. The intuitive controls reduce the training time for even your most inexperienced employees. Clean any time with quiet operation of less than 70 dB and continue to clean for up to four hours with the optional battery.

Features

- Intuitive controls minimizes training time
- 90° squeegee rotation in both directions follows the machine on every turn
- Tight 53 inch turning radius
- Easy-turn steering wheel knob for one-handed operation
- Solution fill hose that can conveniently attach to a faucet
- Inline solution filter for optimal solution flow
- Easily-accessible design keeps downtime to a minimum
- Low-profile provides clear sight lines
- On-board charger
- Convenient squeegee lever for double scrubbing
- Optional batteries provides up to four hours of continuous use

Specifications

Normal

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

0

false
false
false

EN-US
X-NONE
X-NONE

DefSemiHidden="false" DefQFormat="false" DefPriority="99"
LatentStyleCount="376">

UnhideWhenUsed="true" QFormat="true" Name="heading 2" />

UnhideWhenUsed="true" QFormat="true" Name="heading 3" />

UnhideWhenUsed="true" QFormat="true" Name="heading 4" />

UnhideWhenUsed="true" QFormat="true" Name="heading 5" />

UnhideWhenUsed="true" QFormat="true" Name="heading 6" />

UnhideWhenUsed="true" QFormat="true" Name="heading 7" />

UnhideWhenUsed="true" QFormat="true" Name="heading 8" />

UnhideWhenUsed="true" QFormat="true" Name="heading 9" />

Name="index 1" />

Name="index 2" />

Name="index 3" />

Name="index 4" />

Name="index 5" />

Name="index 6" />

Name="index 7" />

Name="index 8" />

Name="index 9" />

UnhideWhenUsed="true" Name="toc 1" />

UnhideWhenUsed="true" Name="toc 2" />

UnhideWhenUsed="true" Name="toc 3" />

UnhideWhenUsed="true" Name="toc 4" />

UnhideWhenUsed="true" Name="toc 5" />

UnhideWhenUsed="true" Name="toc 6" />

UnhideWhenUsed="true" Name="toc 7" />

UnhideWhenUsed="true" Name="toc 8" />

UnhideWhenUsed="true" Name="toc 9" />

Name="Normal Indent" />

Name="footnote text" />

Name="annotation text" />

Name="header" />

Name="footer" />

Name="index heading" />

UnhideWhenUsed="true" QFormat="true" Name="caption" />

Name="table of figures" />

Name="envelope address" />

Name="envelope return" />

Name="footnote reference" />

Name="annotation reference" />

Name="line number" />

Name="page number" />

Name="endnote reference" />

Name="endnote text" />

Name="table of authorities" />

Name="macro" />

Name="toa heading" />

Name="List" />

Name="List Bullet" />

Name="List Number" />

Name="List 2" />

Name="List 3" />

Name="List 4" />

Name="List 5" />

Name="List Bullet 2" />

Name="List Bullet 3" />

Name="List Bullet 4" />

Name="List Bullet 5" />

Name="List Number 2" />

Name="List Number 3" />

Name="List Number 4" />

Name="List Number 5" />

Name="Closing" />

Name="Signature" />

UnhideWhenUsed="true" Name="Default Paragraph Font" />

Name="Body Text" />

Name="Body Text Indent" />

Name="List Continue" />

Name="List Continue 2" />

Name="List Continue 3" />

Name="List Continue 4" />

Name="List Continue 5" />

Name="Message Header" />

Name="Salutation" />

Name="Date" />

Name="Body Text First Indent" />

Name="Body Text First Indent 2" />

Name="Note Heading" />

Name="Body Text 2" />

Name="Body Text 3" />

Name="Body Text Indent 2" />

Name="Body Text Indent 3" />

Name="Block Text" />

Name="Hyperlink" />

Name="FollowedHyperlink" />

Name="Document Map" />

Name="Plain Text" />

Name="E-mail Signature" />

Name="HTML Top of Form" />

Name="HTML Bottom of Form" />

Name="Normal (Web)" />

Name="HTML Acronym" />

Name="HTML Address" />

Name="HTML Cite" />

Name="HTML Code" />

Name="HTML Definition" />

Name="HTML Keyboard" />

Name="HTML Preformatted" />

Name="HTML Sample" />

Name="HTML Typewriter" />

Name="HTML Variable" />

Name="Normal Table" />

Name="annotation subject" />

Name="No List" />

Name="Outline List 1" />

Name="Outline List 2" />

Name="Outline List 3" />

Name="Table Simple 1" />

Name="Table Simple 2" />

Name="Table Simple 3" />

Name="Table Classic 1" />

Name="Table Classic 2" />

Name="Table Classic 3" />

Name="Table Classic 4" />

Name="Table Colorful 1" />

Name="Table Colorful 2" />

Name="Table Colorful 3" />

Name="Table Columns 1" />

Name="Table Columns 2" />

Name="Table Columns 3" />

Name="Table Columns 4" />

Name="Table Columns 5" />

Name="Table Grid 1" />

Name="Table Grid 2" />

Name="Table Grid 3" />

Name="Table Grid 4" />

Name="Table Grid 5" />

Name="Table Grid 6" />

Name="Table Grid 7" />

Name="Table Grid 8" />

Name="Table List 1" />

Name="Table List 2" />

Name="Table List 3" />

Name="Table List 4" />

Name="Table List 5" />

Name="Table List 6" />

Name="Table List 7" />

Name="Table List 8" />

Name="Table 3D effects 1" />

Name="Table 3D effects 2" />

Name="Table 3D effects 3" />

Name="Table Contemporary" />

Name="Table Elegant" />

Name="Table Professional" />

Name="Table Subtle 1" />

Name="Table Subtle 2" />

Name="Table Web 1" />

Name="Table Web 2" />

Name="Table Web 3" />

Name="Balloon Text" />

Name="Table Theme" />

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Name="List Paragraph" />

Name="Intense Quote" />

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Steambrite Supply

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Name="Subtle Emphasis" />
Name="Intense Emphasis" />
Name="Subtle Reference" />
Name="Intense Reference" />

UnhideWhenUsed="true" Name="Bibliography" />
UnhideWhenUsed="true" QFormat="true" Name="TOC Heading" />

Name="Grid Table 1 Light Accent 1" />

Name="Grid Table 6 Colorful Accent 1" />
Name="Grid Table 7 Colorful Accent 1" />
Name="Grid Table 1 Light Accent 2" />

Name="Grid Table 6 Colorful Accent 2" />
Name="Grid Table 7 Colorful Accent 2" />
Name="Grid Table 1 Light Accent 3" />

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Name="Grid Table 6 Colorful Accent 3" />
Name="Grid Table 7 Colorful Accent 3" />
Name="Grid Table 1 Light Accent 4" />

Name="Grid Table 6 Colorful Accent 4" />
Name="Grid Table 7 Colorful Accent 4" />
Name="Grid Table 1 Light Accent 5" />

Name="Grid Table 6 Colorful Accent 5" />
Name="Grid Table 7 Colorful Accent 5" />
Name="Grid Table 1 Light Accent 6" />

Name="Grid Table 6 Colorful Accent 6" />
Name="Grid Table 7 Colorful Accent 6" />

Name="List Table 1 Light Accent 1" />

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Name="List Table 6 Colorful Accent 1" />

Name="List Table 7 Colorful Accent 1" />

Name="List Table 1 Light Accent 2" />

Name="List Table 6 Colorful Accent 2" />

Name="List Table 7 Colorful Accent 2" />

Name="List Table 1 Light Accent 3" />

Name="List Table 6 Colorful Accent 3" />

Name="List Table 7 Colorful Accent 3" />

Name="List Table 1 Light Accent 4" />

Name="List Table 6 Colorful Accent 4" />

Name="List Table 7 Colorful Accent 4" />

Name="List Table 1 Light Accent 5" />

Name="List Table 6 Colorful Accent 5" />

Name="List Table 7 Colorful Accent 5" />

Name="List Table 1 Light Accent 6" />

Name="List Table 6 Colorful Accent 6" />

Name="List Table 7 Colorful Accent 6" />

Name="Mention" />

Name="Smart Hyperlink" />

Name="Hashtag" />

Name="Unresolved Mention" />

Name="Smart Link" />

```
/* Style Definitions */
table.MsoNormalTable
{mso-style-name:"Table Normal";
mso-tstyle-rowband-size:0;
mso-tstyle-colband-size:0;
mso-style-noshow:yes;
mso-style-priority:99;
mso-style-parent:"";
mso-padding-alt:0in 5.4pt 0in 5.4pt;
mso-para-margin-top:0in;
mso-para-margin-right:0in;
mso-para-margin-bottom:8.0pt;
mso-para-margin-left:0in;
line-height:107%;
mso-pagination:widow-orphan;
font-size:11.0pt;
font-family:"Calibri",sans-serif;
mso-ascii-font-family:Calibri;
mso-ascii-theme-font:minor-latin;
mso-hansi-font-family:Calibri;
mso-hansi-theme-font:minor-latin;
mso-bidi-font-family:"Times New Roman";
mso-bidi-theme-font:minor-bidi;
mso-font-kerning:1.0pt;
mso-ligatures:standardcontextual;}
```

Model

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

BDSO 20/21

Catalog Number

TS120-S59-U

Dimensions (LxWxH)

48"x27.5"x53";

Net Weight (Empty)

540 lbs (w/ battery): 377 lbs (w/o battery)

Sound Level

<70 dB

Solution Capacity

14.5 gal

Recovery Tank Capacity

21 gal

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Tank Construction

Polyethylene

Squeegee Width

27 in

Cleaning Path

20 in

Brush Pressure

48.5 lbs

Brush Motor Power

0.5 hp

Brush RPM

140

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Productivity Per Hour (Theoretical Max)

22,000 ft²;

Vacuum Motor Power

0.65 hp

Vacuum Motor Water Lift

50 in

Drive Type

Self-Propelled

Turning Radius

53°;

Motor Horsepower

0.16 hp

System Voltage

24 V

Run Time

3-4 hrs

Charger Type

On-board

Battery Types

Lead Acid or AGM

-FREE Air Mover of our choice of color, brand, size with purchase

Brochures and Manuals

20" Stand On Spec Sheet

BDSO 20/21 Stand-On Rider Operation Manual

Ride On Floor Scrubber

Stand-on scrubber

20 inch floor scrubber

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Availability: This product was added to our catalog on Monday 14 August, 2023

Steambrite Supply