



Model Number: TS120-S45-UG

Tornado TS120-S45-UG BD20/11L 20 inch AGM Batteries Brush Assist Walk Behind Floor Scrubber 11Gal Freight Included

Manufacturer: Tornado

BD 20/11L & BD 20/11LT
Auto-Scrubber

The new Tornado BD 20/11L and BD 20/11LT Compact Scrubbers are built for easy operation and maintenance and to reduce cleaning and labor costs in an affordable package. Available in brush assist and traction drive, these 20" models have no trouble fitting through standard-size doorways and efficiently clean and dry small, congested areas in just one pass. The 48.5 lbs of down pressure and 155 rpm of agitation maximizes soil removal, while the water recovery system provides a streak-free clean that leaves floors dry and safe. Intuitive controls and pad assist technology reduces the training time for even your most inexperienced employees, while dependable parts and features like the easily accessible design that enables squeegees and brushes to be changed in seconds keeps downtime to a minimum. 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

- Available in Brush Assist and Traction Drive
- Intuitive controls minimizes training time
- Water recovery system leaves floors safe and dry
- 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

Normal
0

false

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

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 >

Name="Subtle Emphasis" />

Name="Intense Emphasis" />

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

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" />

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

Equipment: [Carpet Cleaning Machines](#) > [Vacuum Cleaners](#) > [HEPA Concrete Dust Slurry Hazmat Vacuums](#) >

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" />

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

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

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

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

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-kering:1.0pt;
mso-ligatures:standardcontextual;}

Specifications

Model

Brush Assist

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

Catalog Number

TS120-S45-U

Dimensions (LxWxH)

43"x21"x41"

Net Weight (Empty)

320 lbs (w/ battery): 157 lbs (w/o battery)

Sound Level

<70 dB

Solution Capacity

11 gal

Recovery Tank Capacity

12 gal

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

Tank Construction

Polyethylene

Squeegee Width

31 in

Cleaning Path

20 in

Brush Pressure

48.5 lbs

Brush Motor Power

0.46 hp

Brush RPM

155

Productivity Per Hour (Theoretical Max)

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

17,969 ft²;

Vacuum Motor Power

0.6 hp

Vacuum Motor Water Lift

50 in

Drive Type

Brush Assist

Motor Horsepower

0.16 hp

System Voltage

24 V

Run Time

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

3-4 hrs

Charger Type

On-board

Battery Types

Lead Acid or AGM

Brochures and Manuals

Product Brochure

BD 20/11L Brush Assist Operation Manual

Auto Scrubber
Cordless auto scrubber
brush assist auto scrubber
11 gallon scrubber
20 inch scrubber

Availability: This product was added to our catalog on Wednesday 19 July, 2023