

Specifications



Micro-HD v2 Series

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 8" x 2" ([2x] 20 x 5 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 2.5" x 1.38" ([2x] 6 x 4 cm) - Non-Marking Grey
Size (L x W x H):	50" x 23" x 39" (127 x 59 x 99 cm)
*Smallest machine configuration.	
Weight (w/o Batteries):	278 - 328 lbs (126 - 149 kg)
Weight (w/ 210 ah Batteries):	410 - 460 lbs (186 - 209 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	20" - (1x) 20" Ø (51 - [1x] 51 cm)
Includes Jaws with Rollers for Wall Protection	
	26" - (2x) 13" Ø (66 - [2x] 33 cm)
Disk Motor:	20" (1x) 0.75 hp / 200 rpm (51 cm [1x] 559 watts)
	26" - (2x) 0.75 hp / 270 rpm (66 cm [2x] 559 watts)
Optional Motor Upgrade:	(2x) 1.0 hp / 350 rpm ([2x] 746 watts)
Cylindrical Dimensions:	25" - (2x) 6" x 23" (64 - [2x] 15.2 x 58 cm)
6" Ø Brush	
Cylindrical Motor:	(2x) 0.75 hp / 270 rpm (2x] 559 watts)
Cylindrical Brush Speed:	750 rpm
Orbital Dimensions:	20" x 14" (51 x 35.6 cm)
	24" x 14" (61 x 35.6 cm)
Orbital Motor:	1.0 hp (746 watts) 2,500 rpm
Brush Down Pressure:	Up to 175 lbs (79 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 130 ah WET
Optional Battery:	150 ah WET / 115 ah AGM* / 140 ah AGM*
*Includes Onboard Charger	
Run Time:	Up to 2.5 Hours**
**Based on continuous scrubbing run times.	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	0 - 230 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Scrubbing Speed:	0 - 184 ft/min / 0 - 2 mph (0 - 56 m/min / 0 - 3 km/h)
Reverse Speed:	0 - 130 ft/min / 0 - 1.5 mph (0 - 40 m/min / 0 - 2 km/h)
SOLUTION / RECOVERY SYSTEMS	
Solution Tank Capacity:	13 Gallons (49 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 0.5 GPM / Stainless Inline (0 - 2 LPM)
Recovery Tank Capacity:	15 Gallons (56.8 liters) - 1.5" Ø Drain Hose
Small Tank Capacity:	N/A
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" Ø (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Productivity - Theoretical:	Up to 26,000 sqft/hr (2,415 sqm)***
***Based off of ISSA 2010 Cleaning Times	
Productivity - Practical:	Up to 12,059 sqft/hr (1,120 sqm)***
***Based off of ISSA 2010 Cleaning Times	



Mini-HD v2 Series

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 10" x 2.5" ([2x] 25.4 x 6 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 4" x 2" ([2x] 10 x 5 cm) - Non-Marking Grey
Size (L x W x H):	56" x 28" x 43" (142 x 71 x 109 cm)
*Smallest machine configuration.	
Weight (w/o Batteries):	393 - 443 lbs (178 - 201 kg)
Weight (w/ 210 ah Batteries):	625 - 675 lbs (284 - 306 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	26" - (2x) 13" Ø (66 - [2x] 33 cm)
Includes Jaws with Rollers for Wall Protection	
	28" - (2x) 14" Ø (71 - [2x] 35 cm)
Disk Motor:	(2x) 1.0 hp / 350 rpm ([2x] 746 watts)
Optional Motor Upgrade:	NA
Cylindrical Dimensions:	25" - (2x) 6" x 23" (63 - [2x] 15 x 58 cm)
6" Ø Brush	
	29" - (2x) 6" x 27" (73 - [2x] 15 x 68 cm)
Cylindrical Motor:	25" - (2x) 0.75 hp ([2x] 559 watts)
	29" - (2x) 1.0 hp ([2x] 746 watts)
Cylindrical Brush Speed:	750 rpm
Orbital Dimensions:	24" x 14" (61 x 35 cm)
	28" x 14" (71 x 35 cm)
Orbital Motor:	1.0 hp (746 watts) 2,500 rpm
Brush Down Pressure:	Up to 175 lbs (79 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 210 ah WET
Optional Battery:	245 ah WET / 250 ah AGM*
*Includes Onboard Charger	
Run Time:	Up to 3.5 Hours**
**Based on continuous scrubbing run times.	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	0 - 290 ft/min / 0 - 3.3 mph (0 - 88 m/min / 0 - 5 km/h)
Scrubbing Speed:	0 - 229 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Reverse Speed:	0 - 202 ft/min / 0 - 2.3 mph (0 - 61 m/min / 0 - 4 km/h)
SOLUTION / RECOVERY SYSTEMS	
Tank Solution Capacity:	21 Gallons (79 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 0.7 GPM / Stainless Inline (0 - 2 LPM)
Tank Recovery Capacity:	23 Gallons (87 liters) - 1.5" Ø Drain Hose
Small Tank Capacity:	16 Gal (60 liters) Solution
	17 Gal (64 liters) Recovery
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Productivity - Theoretical:	Up to 29,029 sqft/hr (2,696 sqm)***
***Based off of ISSA 2010 Cleaning Times	
Productivity - Practical:	Up to 13,454 sqft /hr (1,250 sqm)***
***Based off of ISSA 2010 Cleaning Times	



Mag-HD v2 Series

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 12" x 2.75" ([2x] 30 x 7 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 5" x 2" ([2x] 12.7 x 5.1 cm) - Non-Marking Grey
Size (L x W x H):	62" x 31" x 43" (157 x 79 x 109 cm)
*Smallest machine configuration.	
Weight (w/o Batteries):	441 - 481 lbs (200 - 218 kg)
Weight (w/ 315 ah Batteries):	775 - 825 lbs (352 - 374 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	30" - (2x) 15" Ø (76 - [2x] 38 cm)
Includes Jaws with Rollers for Wall Protection	
	32" - (2x) 16" Ø (82 - [2x] 41 cm)
	34" - (2x) 17" Ø (86 - [2x] 43 cm)
Disk Motor:	(2x) 1.0 hp / 350 rpm ([2x] 746 watts)
Optional Motor Upgrade:	NA
Cylindrical Dimensions:	29" - (2x) 6" x 27" (73 - [2x] 15 x 68 cm)
6" Ø Brush	
	33" - (2x) 6" x 31" (83 - [2x] 15 x 78 cm)
Cylindrical Motor:	(2x) 1.0 hp ([2x] 746 watts)
Cylindrical Brush Speed:	750 rpm
Orbital Dimensions:	28" x 14" (71 x 35 cm)
	32" x 14" (81 x 35 cm)
Orbital Motor:	1.0 hp (746 watts) 2,500 rpm
Brush Down Pressure:	Up to 185 lbs (84 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 310 ah WET
Optional Battery:	360 ah WET / 335 ah AGM*
*Includes Onboard Charger	
Run Time:	Up to 5.0 Hours**
**Based on continuous scrubbing run times.	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	0 - 290 ft/min / 0 - 3.3 mph (0 - 88 m/min / 0 - 5 km/h)
Scrubbing Speed:	0 - 229 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Reverse Speed:	0 - 202 ft/min / 0 - 2.3 mph (0 - 61 m/min / 0 - 4 km/h)
SOLUTION / RECOVERY SYSTEMS	
Tank Solution Capacity:	35 Gallons (132 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 1.0 GPM / Stainless Inline (0 - 4 LPM)
Tank Recovery Capacity:	37 Gallons (140 liters) - 1.5" Ø Drain Hose
Small Tank Capacity:	32 Gal (121 liters) Solution
	33 Gal (125 liters) Recovery
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Productivity - Theoretical:	Up to 33,932 sqft/hr (3,152 sqm)***
***Based off of ISSA 2010 Cleaning Times	
Productivity - Practical:	Up to 15,784 sqft /hr (1,466 sqm)***
***Based off of ISSA 2010 Cleaning Times	