



# Hands-Free Cleaning®

## HYDROBOT®

SCRUBBER - for hard surfaces

Ideal for Education | Retail | Healthcare | Manufacturing

A 29" disc scrubber. Improves cleaning consistency and reduces cleaning cost.



### Cleaning just got easier:



360-degree sensors allows scrubber to operate hands-free. Just prep, point and go.



Service components are easily accessible. Uses standard size industry brushes, pad materials and squeegees.



Uses up to 85% less water and cleaning solution per eight-hour shift. Accommodates most eco-friendly solutions.



No special training is required. The icon-based touchscreen prompts users through all functions, regardless of language or skill level.



Communicates with operator and generates detailed reports including login time, end of shift and areas cleaned.

Intellibot is operated by a unique icon-based touchscreen.



Intellibot offers three floor cleaning hands-free machines featuring G10 technology®, eco-friendly water reclamation, and superior surface cleaning. No other floor cleaning option provides all of these benefits.

Hands-Free Cleaning®

# HYDROBOT®

specifications

## INTELLIGENT FEATURES

|                           |  |
|---------------------------|--|
| <b>Main Computer</b>      | Monitors all functions; commands robot to perform stored cleaning routes               |
| <b>Drive Subsystem</b>    | Monitors and controls the robot's movement and position                                |
| <b>Controls</b>           | Manual and autonomous  |
| <b>Navigation</b>         | 15 sensors provide a complete, 360-degree view around robot                            |
| <b>Front Touch Shield</b> | Full width, black ABS, touch-sensitive shield provides immediate braking               |
| <b>Rear Touch Shield</b>  | Full width, black ABS, touch-sensitive shield provides immediate braking               |
| <b>Security</b>           | User-specific password protection to prevent unauthorized use                          |
| <b>Safety Systems</b>     | Sonar obstacle detection, infrared floor sensors, touch shields, emergency stop button |

## SOLUTION RECYCLING SYSTEM

|                         |  |
|-------------------------|--|
| <b>Solution Feed</b>    | Computer-controlled, adjustable flow rate to center of each brush                      |
| <b>Solution Tank</b>    | Integral 14-gallon (53-liter) molded high-density polyethylene with easy-access lid    |
| <b>Recycling System</b> | Four-stage automatic recycling system filters to 10 micron standard, 1 micron optional |

## BRUSHES AND SQUEEGEE

|                           |   |
|---------------------------|---|
| <b>Pads</b>               | Two counter-rotating 15" drivers and pads; red and white pads available<br>Machines accept any standard-sized brushes in place of pads  |
| <b>Brush Head</b>         | Brushes/pads are changeable without removing head from machine  |
| <b>Scrubbing Width</b>    | 29" (73.66 cm)  |
| <b>Scrubbing Pressure</b> | 100 lbs. (45.36 kg)   |
| <b>Squeegee</b>           | 32" (81.28 cm), parabolic, self-centering swing style with plastic end rollers and quick change, four-edge, reversible gum rubber blade |

## DRIVE SYSTEM

|                           |   |
|---------------------------|---|
| <b>Drive Motors</b>       | Two 24 VDC precision motors, built-in encoders, traction water displacement tread |
| <b>Brush Drive Motors</b> | Two 24 VDC, 0.75 HP, 200 RPM, permanent magnet type, direct drive                 |
| <b>Vacuum Motor</b>       | Single 67 CFM vacuum  |

## PRODUCTION

|                       |   |
|-----------------------|---|
| <b>Cleaning Rate*</b> | Approximately 10,000 sq ft (approx. 929 sq m) per hour (avg.) |
|-----------------------|---|

## BATTERY SYSTEM

|                              |  |
|------------------------------|--|
| <b>Battery</b>               | Sealed gel cell deep cycle, 180 AH, 24 VDC output                                |
| <b>Run Time</b>              | Approximately four hours   |
| <b>Optional Exchange Kit</b> | Run time can be doubled with battery exchange kit that requires no heavy lifting |
| <b>Charger Unit</b>          | 20 amp, 24 VDC output, 115 VAC input with automatic shutoff                      |

## CONSTRUCTION

|                       |   |
|-----------------------|---|
| <b>Frame</b>          | Powder-coated 5052 aluminum and stainless steel |
| <b>Exterior</b>       | High-density, molded, seamless polyethylene     |
| <b>Machine Length</b> | 48" (121.92 cm)                                 |
| <b>Machine Width</b>  | 32" (81.28 cm)                                  |
| <b>Machine Height</b> | 43" (109.22 cm)                                 |
| <b>Machine Weight</b> | 720 lbs.  |

## ENVIRONMENT

|                    |   |
|--------------------|---|
| <b>Temperature</b> | 59° to 86° F (15° to 30° C) operation, -22° to 140° F (-30° to 60° C) storage |
| <b>Humidity</b>    | 20% to 75% relative humidity  |
| <b>Noise</b>       | 65 dBA normal operation   |



\* Cleaning rate may vary, depending on environment