Admiral 40
Rider Sweeper/Scrubber

Specifications:

Area performance:
- Maximum coverage: up to 75,347 sq. ft./h (7,000 m²/h)

Drive:
- Drive motor: 3.2 hp (2400 W)
- Driving speed: up to 4 mph (7.0 km/h)
- Drive speed: up to 5 mph (8.0 km/h)
- Climbing ability: 20%/15%

Wet cleaning unit:
- Brush diameter (2 units): 20 in (53 cm)
- Brush revolutions: 210 rpm
- Brush motor (2 units): 2 x .9 hp (2 x 700 W)

Dimensions and weights:
- Squeegee (working width): 50 in (126 cm)
- Length without/with presweep: 85/103 in (215/262 cm)
- Solution/recovery tanks: 82 gal (310 litres)
- Width with squeegee/pre-sweep: 50/55 in (126/138 cm)
- Sweeping system:
  - Height without/with overhead guard: 55/79 in (140/200 cm)
  - Diameter of turning circle: 95 in (240 cm)
- Working width: 55 in (138 cm)
- Diameter of turning circle: 95 in (240 cm)
- Total weight, ready for operation: 3,940 lbs (1787 kg)

Accessories and options available:
- Chemical dispensing system, solid wall or flexible wall tank, overhead guard with rear-view mirror, warning beacon, working lights, hand held suction hose, various types of brushes and pads

Specifications subject to change without notice.

PowerBoss is proud to be BLUE!
What does it mean to be BLUE?

- **Water Conservation** – Aqua-Stop saves water usage by 50%, water is released through a pump system providing greater control of water usage than gravity systems
- **Clean Air** – High-performance filter system dramatically reduces the release of dust and debris back into the air, dust vacuum ensures that dust is put directly into the hopper, bristle pattern on main broom increases dust control
- **Lower Emissions** – All gas and LP engines meet Tier 2 specifications, catalyst mufflers, battery operated available, diesel operated available, bio-diesel fuel can be used in Kubota engine
- **Safer Work Environment** – Orange machines are highly visible to others in the workplace, simple controls reduce operator error, one-button scrub, horn, fire in hopper indicator, effective braking system, “belly bar” prevents operator from being pinned behind machine when in reverse, parabolic squeegee picks up all water leaving the scrub path virtually dry for traffic, seat equipped with safety shut-off switch, also available: overhead guard, back-up alarm, warning beacon
- **Clean Energy** – Battery operated available, bio-diesel fuel can be used in Kubota engines
- **Lower Chemical Reliance** – Aqua-Stop saves chemical usage by 50%, pump system for water and chemical release allows for better control of chemical usage, chemical metering system is available as an option and regulates chemical usage to the correct dose

Features listed are general for PowerBoss equipment; each machine has different features and therefore, may or may not fill all of the features listed above.

PowerBoss is proud to be BLUE!
Performance:
- A choice of equipment to meet your requirements: Wet scrubbing and dry vacuuming in one operation and a pre-sweep option is also offered.
- The 82 gallon tank allows for long run times. Optional dirty water recycling system for multiple use of the cleaning solution.
- A strong industrial heavy-duty fork lift truck drive with power reserves for gradients of up to 20%.
- Two separate drive motors for the scrubbing brushes with high degree of stability even when carrying out thorough basic cleaning.
- Working close to the edge and increased working width up to 46” when wet scrubbing as a result of the suspended side scrubbing unit option.

Comfort:
- All working functions such as wet scrubbing, supply of water, dry vacuuming, all at the push of a single button.
- The machine is programmed by our engineers according to your specific requirements for example, brushes and water supply stop when machine comes to a standstill.
- Quiet battery drive, free from exhaust fumes and quick exchange of batteries in approx. 2 minutes.
- An ergonomic workplace with fully sprung driver’s seat which can be adjusted to the driver’s weight. All operating controls are in direct reach of the operator. Easy steering, simple to operate.
- Optimum view of the area to be cleaned and of the operating panel thanks to the seating position at the center of the machine. Handy: operator can mount the machine from both sides.

Economy:
- Up to 50% savings of water and cleaning agents as a result of the Aqua-Stop-System. The savings over the lifetime of the machine practically corresponds to the initial purchase price.
- Further savings by half of the remaining costs of cleaning chemicals as a result of the chemical metering system option.
- Short set-up times thanks to the automatic water filling system (7-8 minutes). Tanks are easy to clean.
- Cost savings in the service area as a result of direct access to all important components and an intelligent diagnostic system with display of error codes, etc.

Powerful Combination
- The sweeping system picks up fine dust and coarse debris in the dry zone in front of the scrubbing unit.
- Wet scrubbing
  - The floating, suspended squeegee, which is parabolically formed, leaves the floor dry enough to walk or drive on.
- Dry vacuuming
  - The rotating plate brushes easily loosen even the most stubborn dirt.
- Large tank capacity
  - The flexible wall between the clean and dirty water tanks ensures long working periods and short set-up times.
- Long running times
  - With drive battery 36 V / 640 Ah (PzS) – up to one shift depending upon the application in question.
  - For multiple shift work the battery can be exchanged quickly and easily using a fork lift truck or hoists.
- Full power thanks to two side brushes with separate drive. Up-take of large debris and fine dirt particles in front of the scrubbing unit. Powerful vacuum blower with dust filter.
- Optimum driver’s seat, optimum view. Clear operating panel, visual information regarding all working functions/conditions. All working functions can be started at the press of a button.
- Direct access to all important parts and systems thanks to covers which can be opened for service and maintenance purposes. Pictured above for example, chemical metering system and dirty water recycling system.

And there are further highlights:
- The dirt hopper can be emptied in a flash without the use of additional tools.
- Suspended, floating side scrubbing unit options for working close to the edge, near walls, pallets and under shelves.
- Environmentally friendly battery drive. Quick exchange of battery trays in approx. 2 minutes with fork lift truck or lifting equipment.

With Pre-sweep: even larger debris is kept under control “from the word go.” Industrial cleaning really can be this quick and safe.