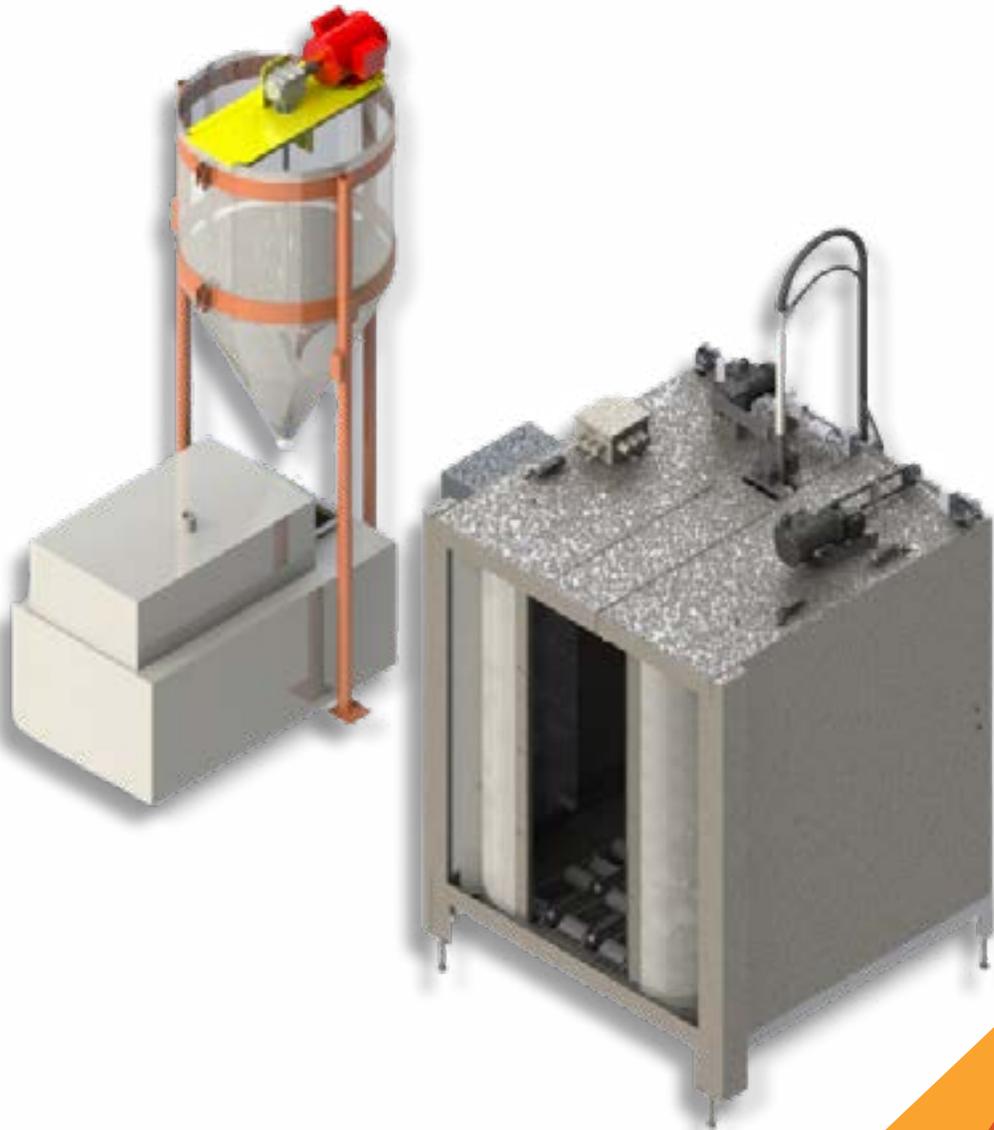




ABM & WWTS

AUTOMATIC BATTERY MAID
& WASTEWATER TREATMENT SYSTEM





ABM

AUTOMATIC BATTERY MAID & WASTEWATER TREATMENT SYSTEM

Carney's Automated Battery Maid (ABM) system is an easy-to-use, self-contained unit that offers an efficient, safe, and mess-free way to wash batteries. The ABM has automated washing and drying features, a power interlock door system, automated acid neutralization, and programmable washing and drying cycles. It accommodates both lift-out and roll-out battery systems, and its powered oscillating wash arm delivers the highest available wash pressure and flow rate.

This unit couples with our Wastewater treatment system (WWTS) to create a completely automated, eco-friendly battery washing system.

STAINLESS STEEL & PVC CONSTRUCTION

This unit is equipped with a stainless steel body and PVC accessories for maximum corrosion resistance and durability.

SAFE & FLEXIBLE LOADING

The ABMs powered or manual door and flip top accommodates both roll-out and lift-out battery management systems.

FULLY PROGRAMMABLE

The simple PLC interface provides an assortment of programming options to suit your fleet and schedule.

USER-FRIENDLY INTERFACE

The units clear digital PH meter allows for PH monitoring for automated neutralization.

POWERFUL CLEANING

With a high flow rate of 16 gallons per minute and wash pressure of 100 psi, the ABM has the power for a thorough clean for every use.



KEY FEATURES + OPTIONS

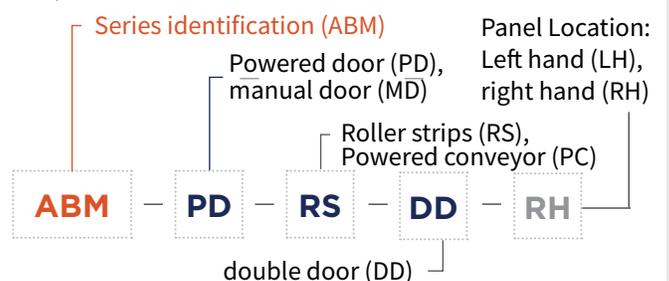
- ✓ Compliant with all environmental regulations
- ✓ Adjustable powered oscillating wash arm
- ✓ Ground fault shutdown
- ✓ Water overflow protection
- ✓ Acid proof rollers
- ✓ Non-conductive clear lexan doors
- ✓ Removable stainless steel trash screen
- ✓ Adjustable legs for leveling
- ✓ Optional powered conveyor
- ✓ Closed-loop integration
- ✓ Push button start-up

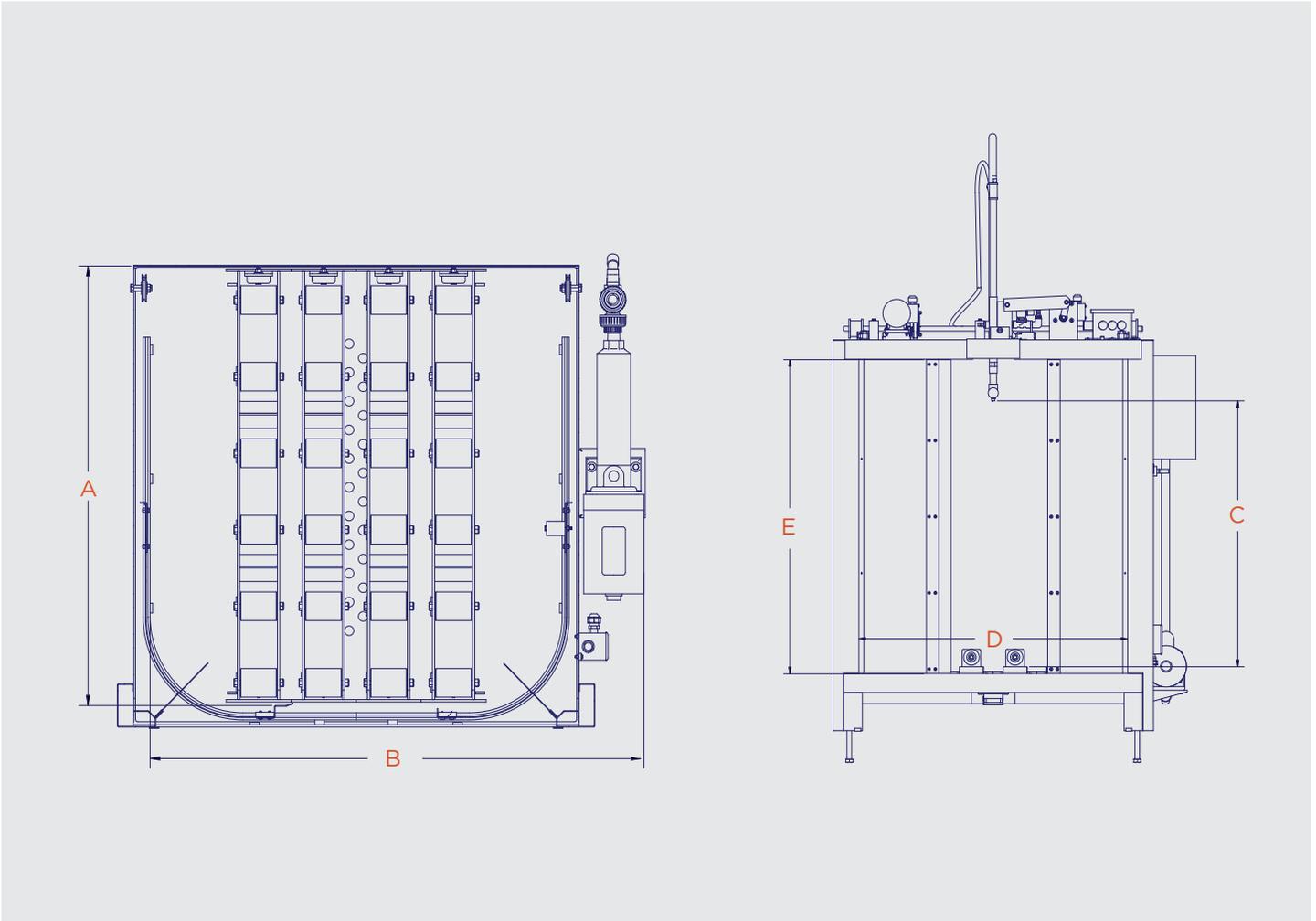
GENERAL SPECS

Capacity	5,000 lbs / 2268 kgs
Service weight	1400 lbs / 635 kgs
Control Type	PLC
Air Supply	3/4" Line @ 100 PSI
Power Supply	120 VAC/1 phase/ 30 amps

MODEL-PART NUMBER BREAKDOWN

Example: ABM-PD-RS-SD-RH





DIMENSIONAL DATA

ABM

A	Overall depth	45.5"/1168 mm
B	Overall width	44"/1118 mm
C	Overall height	42"/1067 mm
D	Clear opening width	37.5"/952.5 mm
E	Door height	49.25"/1251 mm
	Maximum battery length	45"/1143 mm
	Maximum battery width	36"/914.4 mm
	Maximum battery height	36"/914.4 mm
	Minimum battery length	16"/406 mm
	Minimum battery width	6"/152 mm
	Minimum battery height	12"/305 mm



KEY FEATURES + OPTIONS

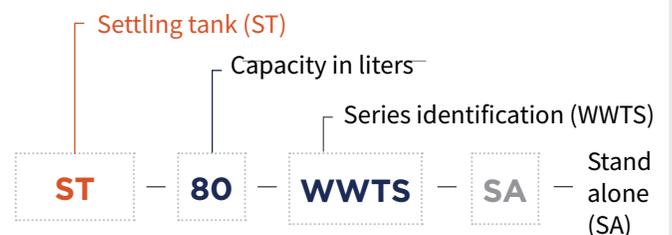
- ✓ Optional extended warranty & service programs
- ✓ Filters & recycles contaminated water in minutes
- ✓ Filter media kit & flocculent powder available
- ✓ 21 gallon upper reservoir
- ✓ Durable chassis construction
- ✓ Steel filter box
- ✓ Built-in fault protection
- ✓ Enhanced filtering
- ✓ 98% reclaimed water for re-use
- ✓ Warranty included

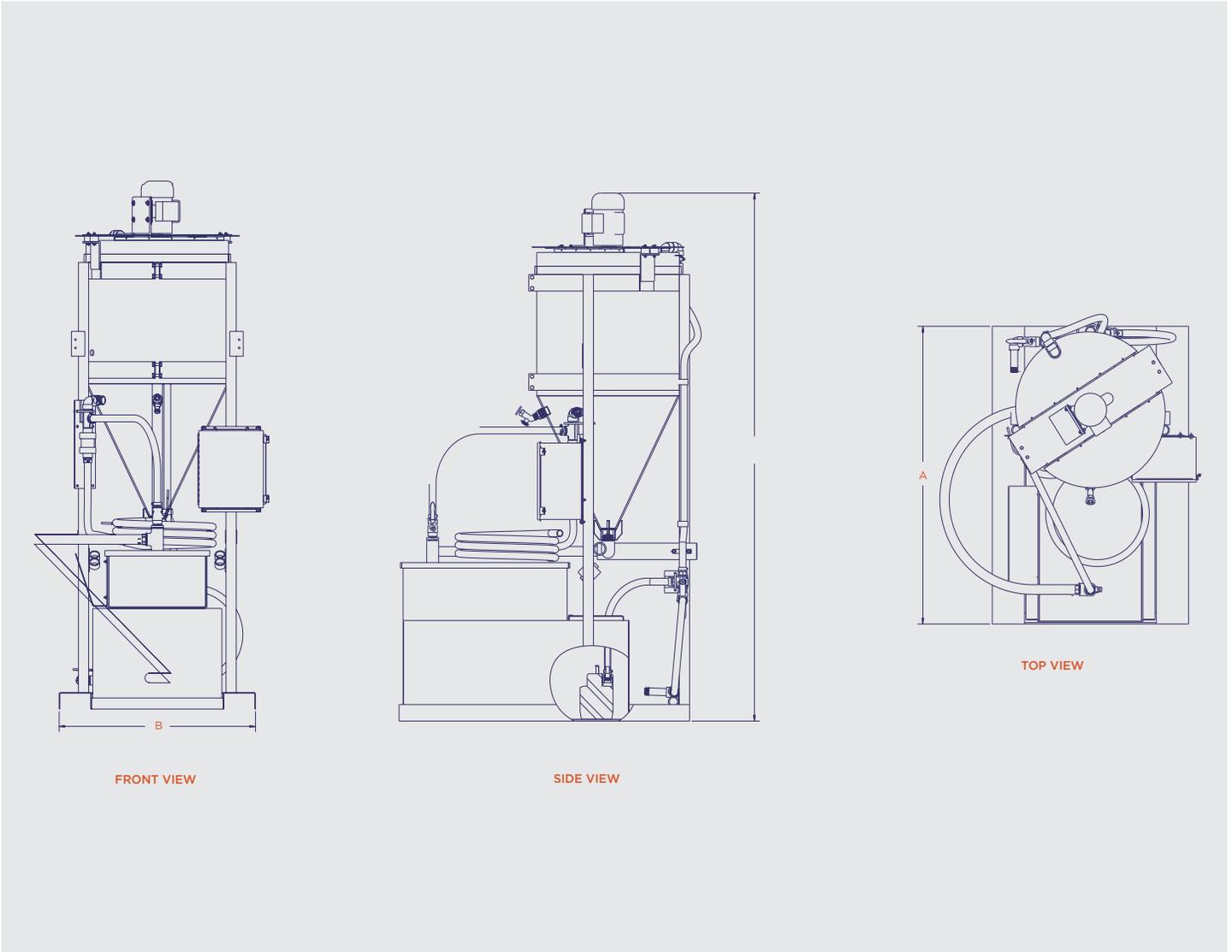
GENERAL SPECS

Capacity	272L/77G
Water Supply	5 gpm
Power Supply	120 VAC/1 phase/ 15 amps
Service weight	397 lbs / 180 kgs

MODEL-PART NUMBER BREAKDOWN

Example: ST-80-WWTS-SA





DIMENSIONAL DATA

WWTS

A	Overall length	54" / 1372 mm
B	Overall width	36.5" / 927 mm
C	Overall height	95.75" / 2432.05 mm



FABRICATING & AUTOMATION

Our specialized team of machinists create tools, parts, products, and attachments to solve everyday material handling dilemmas while our team of automation experts focus on robotic engineering, PLC, HMI programming and process automation geared towards your specific manufacturing needs. We deliver world-class expertise by innovating products that help you meet the demands of day-to-day operations.

Let's get started on your next project.



- ✓ Operational Up-time
- ✓ In-house Manufacturing
- ✓ Safety & Security

- ✓ Automated Battery Handling
- ✓ System Design
- ✓ And more!

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- ✓ Product Transfer Systems
- ✓ Below-The-Hook Devices
- ✓ Storage Systems

- ✓ Ergonomic Equipment
- ✓ Forklift & Picker Attachments
- ✓ And more!

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HAVE ADDITIONAL QUESTIONS? GET IN TOUCH

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Due to continuous product improvements, specifications are subject to change without notice. Some systems and features shown may be optional at extra cost.

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ABM&WWTS_specifications_NA