



MAGTRACK

THE MES MAGTRACK ROBOT DELIVERS
MULTIPLE BENEFITS
THAT INCREASE YOUR OUTPUT



**IMPROVE
PRODUCTIVITY**

One MagTrack will outperform several blasters and doesn't take breaks.



**INCREASE
PROFITS**

Take on more jobs with the same employees and less overhead.



**EASY TO
OPERATE**

MagTrack is not only easy to operate, it's easy to learn and train others!



**EMPLOYEE
SAFETY**

Keep employees behind the controls and not behind the nozzle or on scaffolding!



**CONSISTENT
BLAST**

Precision and consistency that you can control every time.



**LESS
ABRASIVES**

Set the abrasive to optimal performance once and you're done!



THE NEW & SUPERIOR BLASTING ROBOT! **EXCLUSIVELY AT MES!**

A magnetic, electrically driven crawler with the ability to remove corrosion, paint, and other contaminants to your desired mil profile. Easy to adjust in height, angle, and pitch to get the perfect blast for your project **EVERY SINGLE TIME!**



MES MAGTRACK ROBOT

CARRIAGE

The MagTrack carriage is the base for many different solutions. Operation is safe and easy and can be done by one man. The carriage can be set up with your desired tool in 30 minutes. The remote control ensures that the operator stays on the ground and out of the line of fire! No more need for scaffolding or cherry pickers.





BLAST SWING ARM

The MES MagTrack Blast Arm is used for sandblasting and can hold up to QTY 3 #10 Blast Nozzles. Once at your job site, this unit can go from crate to blasting the surface within 30 minutes.



The automatic four wheel drive is controlled by the wireless remote (with over 100' range) or from the control panel. You have the ability to adjust virtually any part of this robot at your fingertips. Adjust the swing speed, drive speed, automation speed, and step size all with a few clicks.

This unit is perfect for almost any surface preparation job but excels on storage tanks (internal and external), ship hulls, non-skid decks, penstocks, and more!

FEATURES

- ▶ Use 1, 2, or 3 nozzles
- ▶ Four Wheel Drive
- ▶ Capable of blasting up to 600ft² per hour on normal 15-20 mil paint
- ▶ Capable of blasting 1000+ ft² per hour on < 5 mil paint
- ▶ Capable of blasting at any angle, even upside down
- ▶ Multiple magnets to easily conquer all types of weld seams
- ▶ Can use up to 3 #10 nozzles simultaneously for maximum performance
- ▶ Can utilize any blast hose and nozzle size and angle combination
- ▶ Two joints for height and angle adjustments of the nozzles
- ▶ Fully adjustable nozzle holders

A photograph of a MES MagTrack robot, a small, dark, rectangular unit with wheels and cables, mounted on a large, rusted metal structure. The robot is positioned vertically, and its cables are visible. The background is a dark, textured metal surface.

MES MAGTRACK Q&A

Does the MES MagTrack have issues going over weld seams?

With its dual adjustable magnets and four-wheel drive, the MES MagTrack effortlessly tackles even the toughest weld seams in any orientation.

Does the MES MagTrack require a specific abrasive to be utilized to be efficient?

No, you have the freedom to choose your abrasive. MES understands that every project is unique, and there's no one-size-fits-all abrasive. We can assist in selecting the appropriate abrasive based on the job specifications.

What are the bars around the wheels on the MES MagTrack?

The bars you see on the front and rear of the robot carriage serve as safety bars to prevent damage to the unit.



Does the MES MagTrack have any issues with dust getting into it's electronics?

No, the MES MagTrack is completely watertight and protected from the harsh environment of sandblasting.

Are we able to demo the unit on our job-site or at your facility?

Yes! We welcome those who want to try the unit to one of our facilities to put their hands on the robot. We can schedule an onsite demonstration with one of our certified robot technicians.

What type of nozzles and how many are required on the robot for optimal results?

MES does not endorse a one-size-fits-all approach to nozzle setup. Recognizing that each project is unique, we engage in discussions to understand your specific parameters and recommend solutions based on industry best practices. While considering factors such as job site air pressure, surface profile, and abrasive savings, our general recommendation is to utilize two #8 nozzles for optimal efficiency. However, it's important to note that the MES MagTrack has the capability to accommodate up to three #10 XL nozzles, providing flexibility for varying project requirements

STILL HAVE QUESTIONS?

Reach out to MES, your exclusive MagTrack dealer, directly at mes.us or 888.281.2643.

RENT OR BUY TODAY!



MULTI-PURPOSE APPLICATIONS

- ▶ Surface preparation
- ▶ Oil storage tank cleaning
- ▶ Industrial washing
- ▶ Cargo hold cleaning
- ▶ Waterjet cutting

SPECIFICATIONS

ROBOT CARRIAGE

| | |
|------------------------|-----------------|
| VOLTAGE | 48 VDC |
| DIMENSIONS (L X W X H) | 28 x 20 x 14 in |
| WEIGHT | 176 lbs |

BLAST SWING ARM

| | |
|------------------------|------------------|
| DIMENSIONS (L X W X H) | 45 x 20 x 34 in |
| WEIGHT | 33 lbs |
| MAX. CLEANING PATH | 79 in |
| NOZZLE DIAMETER | Up to #10 nozzle |

CONTROL BOX

| | |
|------------------------|--------------------------------------|
| VOLTAGE | 110VAC & 240VAC |
| DIMENSIONS (L X W X H) | 28 x 24 x 35 in |
| WEIGHT | 110 lbs |
| MAX. CURRENT FUSE | 20 Amp @ 110Vac & 16 Amp @ 240VAC |
| FREQUENCY | 50/60 Hz |
| CABLE LENGTH | 164 ft |

HANDHELD WIRELESS CONSOLE

| | |
|------------------------|-------------------------|
| VOLTAGE | 3.7 VDC |
| DIMENSIONS (L X W X H) | 9 x 12 x 6 in |
| BATTERY LIFE | 9 hours (80%) |
| CHARGING TIME | Circa 3 hours (0 ->80%) |
| WIRELESS RANGE | 130 ft |



ABRASIVE BLASTING & UHP

WITH THE SAME ROBOT

SIMPLY SWAP ATTACHMENTS

MAGTRACK CARRIAGE

- ▶ Robot's foundation
- ▶ Can be fitted with a full range of modular tools



BLAST SWING ARM

- ▶ For abrasive blasting
- ▶ Use 1, 2 or 3 nozzles

TILT SWING ARM

- ▶ For open water blasting & cleaning



BLAST CAN

- ▶ Used with vacuum for closed loop UHP

MES - YOUR EXCLUSIVE DEALER!

EXCLUSIVE DEALER



mes.us
888.281.2643

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