

AST 25

Robotic Nozzle Manipulator



A **Putzmeister** COMPANY

Underground



AST 25

- Versatile for both wet- and dry-process
- Works with a concrete or shotcrete pump
- Track-mounted
- Enhances nozzleman safety

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The AST 25 Robotic Nozzle Manipulator is a track-mounted mobile spraying unit designed for automating the application of shotcrete for wet- and dry-process in underground work. This machine is ideal for slope protection or for tunneling where a smaller manipulator is necessary. With its strength and reach, the nozzle can be set to automatically oscillate for smooth coverage, giving the contractor even more of an advantage over manual spraying. The ability to operate on electric or diesel power allows the machine to be used on any type of job site. The wireless remote offers complete mobility while promoting safety, by allowing the operator to stay out from underneath newly excavated, exposed rock.

OPTIONS:

- 2.5" (65mm) nozzle
- 3" (80mm) nozzle

Underground

Specifications

Performance	AST 25
Maximum Spraying Height	25' (7.62m)
Maximum Horizontal Spraying Range	35' (10.67m)
Technical Information	
Process Type	Wet and Dry
Boom and Nozzle Function Power	7.5 hp (5.5kW) 460V/60hz electric motor 7.5 hp (5.5kW) 400V/50hz electric motor 27 hp (20kW) water-cooled diesel engine
Track Drive and Outrigger Legs Power	27 hp (20kW) water-cooled diesel engine
Track Drive Speeds	High Speed: 3 mph (5km/h) Low Speed: 1 mph (1.5km/h)
Hydraulic Tank	30 gal (114L)
Operator Controls	Lightweight wireless remote control with neck strap and charging cable that can be used where wireless is not allowed
Carrier Vehicle	Heavy duty Caterpillar® track with two-speed track control, hydraulic outriggers and diesel engine
Dimensions	
Length	158" (4,013mm)
Width	62" (1,575mm)
Height	88" (2,235mm)



For additional available options, please contact the factory.



Authorized Distributor

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