

Your Duct & Pipe Insider

# JettyRobot 6

## Technical Parameters

Minimum Duct Diameter	360 mm	14.17 in
Maximum Duct Diameter (standard configuration)	710 mm	27.95 in
Maximum Duct Diameter (with added extensions)*	1 300 mm	51.18 in
Maximum Locomotion Speed	70 mm/s	13.78 ft/min
Robot Service Weight (excluding the supply hose and cable)	35 kg	77 ib
Dry Ice Hose Length (max.)	50 m	164 ft
Switchboard Power Supply	100 - 240 V AC	
Duct Shapes	Circular, Rectangular, S-Shaped and Vertical	
Front camera		
Type	industrial colour camera	
Resolution	1280 x 960 pixels	
Total angle of video coverage	178 degrees	
Live video frame speed	30 fps	
Recorded video view frame speed	up to 10 fps	
Rear camera (optional)		
Type	industrial colour camera	
Resolution	1280 x 960 pixels	
Total angle of video coverage	178 degrees	
Live video frame speed	30 fps	
Recorded video view frame speed	up to 10 fps	
Large LCD control panel monitor	17" screen / 1280 x 1024 pixels	
Control panel suitcase dirt & water resistance	IP 68	

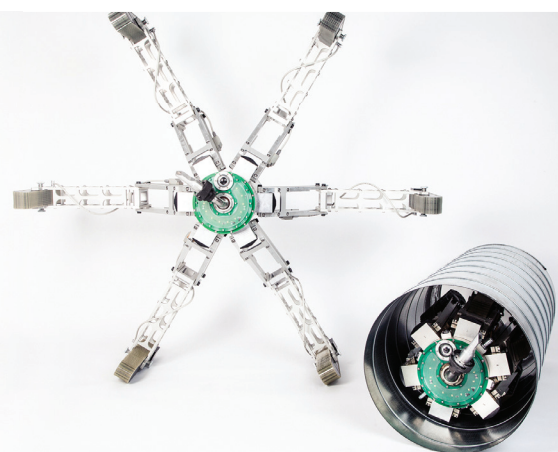
Patent No: US9101967, EP2456578

- **Cleaning**

Brushes, Compressed Air  
 Dry Ice Blasting, High Pressure  
 Water, Sponge Blasting  
 Soda Blasting, Nutshell Blasting  
 Laser, Sand Blasting  
 Grit Blasting

- **Inspection**

- **Develop a specialized robot**
- **Develop a tool /device**
- **Maintenance, repair**





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# JettyRobot S

## Technical Parameters (Preliminary)

Minimum diameter of the duct (for circular ducts)	220 (200) mm	8.66 (7.87) in
Maximum diameter of the duct (for circular ducts)	420 mm	16.53 in
Minimum diameter of the duct for turning (drive through bends)	300 mm	11.81 in
Minimum dimensions of the rectangular ducts (height x width)	220x220 mm	8.66 x 8.66 in
Maximum dimensions of the rectangular ducts (height x width*)	420x1000 mm	16.53 x 39.37 in
Minimum dimensions of the rectangular ducts for turning (drive through bends)	220x350 mm	8.66 x 13.78 in
Minimum travelling velocity	0,1 mm/s	0.02 ft/min
Maximum travelling velocity	70 mm/s	13.78 ft/min
Robot's maximum pulling force (in clean duct)	~ 450 N	101 lbf
Robot's standby weight (without the supply hose)	20 kg	44 lb
Length of the hose for dry ice	30 m	98 ft
Length of the cable	30 m	98 ft
Switchboard power supply	100-240 VAC	
Frequency	50/60 Hz	
Robot's power supply	24 VDC	
Maximum input power	0,75 kW	
Minimum ambient temperature	0°C	
Maximum ambient temperature	+40°C	
Control panel suitcase dirt & water resistance	IP 68	
Robot's camera resolution	1280x960 px	
Camera viewing angle	178°	

