

Technical Specifications

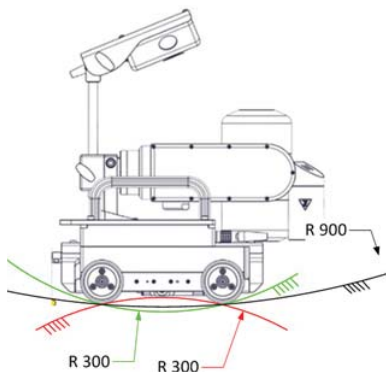
FAST RVI Basic platform (PTZ camera not mounted)

Dimensions	Length	250mm (9.9")
	Width	490mm (19.3")
	Height	160mm (6.3")
Weight	w/o cables & cameras	9.3kg (20.5lb)
Speed	fully adjustable	-40mm/s ... 40mm/s (-2.4"/s ... 2.4"/s)
Payload	overhead on clean ferromagnetic surface	15kg (33lb)
Drives	2 integrated drive units with 48V brushless DC motors	
Power Supply	48V via umbilical cable from supply station	
Protection class	cables plugged	IP65
Motor Controller	integrated Inspection Robotics motor controller	
Communication	GigaBit Ethernet with power over ethernet	
Cable length	umbilical - supply station to manway box	33m
	hose - manway box to crawler	10m (20m/30m on request)

Supply Station (delivered in rugged hard shell case)

Control	Integrated Control Station	
Power Supply	AC 50Hz/60Hz	100V ... 240V
Dimensions	Length	340mm (13.4")
	Width	350mm (13.8")
	Height	130mm (5.1")
Weight	w/o cables & accessories	14kg (31lb)

for in-vessel inspection a minim vessel radius of 300mm (11.8") is mandatory. This allows for axial driving. Full manouvrability, incl. spot turn is possible at a radius of 900mm (35.4")

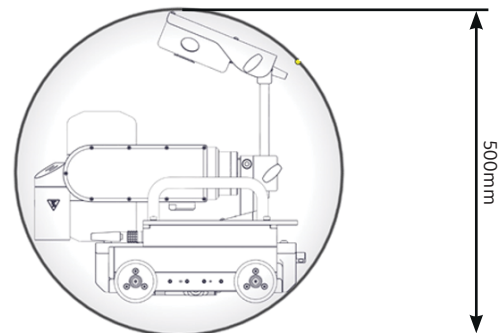


Content basic set

BOX 1: Basic platform (hard shell case <23kg)	<ul style="list-style-type: none"> FAST RVI basic platform rubber mat for deployment top view camera with cables PTZ camera holder tools & accessories for camera mounting
BOX 2: Supply Station (hard shell case <23kg)	<ul style="list-style-type: none"> rugged Laptop / industrial built in PC with touchscreen rugged control joystick for navigation Inspection Robotics 48V supply station 2m Ethernet cable 10m umbilical cable manway box to crawler
Manway Box & cable reel	<ul style="list-style-type: none"> 33m cable from Supply Station to Manway Box Manway Box (<5kg) to be positioned at entryway



Minimum size of entryway for safe deployment and retrieval of the inspection system is 500mm (20").



Deployment and Operation

Depending on the size, location & accessibility of the vessel different deployment options are available. For easy-to-access horizontal vessels side deployment is a fast & efficient way to insert the system. For vertical vessels top deployment is the preferred choice. Also for large horizontal vessels with limited accessibility to the entryway the

Deployment Scoop for side deployment



Deployment Crane for top- and side deployment

