






Types of Remotely Operated Vehicles (ROV)

Key Features

				
Deep Rated LBV	Navajo	Mojave	Mohican	Inuktun
Free swimming vehicle Swims through pipe	Free swimming vehicle Swims through pipe	Free swimming vehicle Swims through pipe	Free swimming vehicle Swims through pipe	Crawler vehicle Drives through pipe
Navigate complex structures including vertical shafts	Navigate complex structures including vertical shafts	Navigate complex structures including vertical shafts	Navigate complex structures including vertical shafts	Drives through mixed dry and flooded pipe sections
Low Flow	Low/Medium Flow	Low/Medium Flow	Medium Flow	High Flow / Dry
Services <ul style="list-style-type: none"> Color and low light monochrome camera Cross section sonar / map sediment buildup Forward looking navigation / feature detection sonar Detect features in zero visibility water 	Services <ul style="list-style-type: none"> Color and low light monochrome camera Cross section sonar / map sediment buildup Forward looking navigation / feature detection sonar 3D mapping / alignment Detect features in zero visibility water Metal thickness assessment Dredging 	Services <ul style="list-style-type: none"> Color and low light monochrome camera Cross section sonar / map sediment buildup Forward looking navigation / feature detection sonar 3D mapping / alignment Detect features in zero visibility water Metal thickness assessment Dredging 	Services <ul style="list-style-type: none"> Color and low light monochrome camera Cross section sonar / map sediment buildup Forward looking navigation / feature detection sonar 3D mapping / alignment Detect features in zero visibility water Metal thickness assessment Dredging/bulkheading 	Services <ul style="list-style-type: none"> Video Sonar cross sections (flooded) Laser cross sections (dry) Metal thickness assessment
Deployment <ul style="list-style-type: none"> Range up to 2,000 meters Depth to 600 meters Size—590 mm X 484 mm X 320 mm 18.6 kgf thrust 	Deployment: <ul style="list-style-type: none"> Range up to 480 meters Depth to 305 meters Size—1027 mm X 628 mm X 412 mm Multibeam sonar option would add 305 mm to height 55 kgf thrust 	Deployment <ul style="list-style-type: none"> Range up to 350 meters Depth to 300 meters Size—1000 mm X 600 mm X 500 mm 53 kgf thrust (vectored) 	Deployment <ul style="list-style-type: none"> Range up to 1,310 meters Depth to 2,000 meters Size—1150 mm X 769 mm X 797 mm 110 kgf thrust (vectored) 	Deployment <ul style="list-style-type: none"> 2 sizes of vehicle Fits through manhole Range up to 610 meters Depth to 30 meters
Notes: <ul style="list-style-type: none"> Not restricted by slope of pipe Navigate branches in tunnel One function manipulator and tool attachments available 	Notes: <ul style="list-style-type: none"> Not restricted by slope in pipe Four function manipulator and tool attachments available 	Notes: <ul style="list-style-type: none"> Not restricted by slope in pipe Five function manipulator and tool attachments available Increased handling in lateral currents 	Notes: <ul style="list-style-type: none"> Not restricted by slope in pipe Five function manipulator and large tool attachments available including hydraulics 	Notes:
Reporting: <ul style="list-style-type: none"> Video DVD and notes Data acquisition system 	Reporting: <ul style="list-style-type: none"> Video DVD and notes Data acquisition system 	Reporting: <ul style="list-style-type: none"> Video DVD and notes Data acquisition system 	Reporting: <ul style="list-style-type: none"> Video DVD and notes Data acquisition system 	Reporting: <ul style="list-style-type: none"> Video DVD and notes Data acquisition system