

# UGV Roundup

	Wheelbarrow Revolution (1)	Cutlass (2)	Defender (3)	Digital Vanguard (4)	Talon (5)	telemax (6)	IEDDor (7)
<b>Length</b>	125cm	124cm	1520 mm	950 mm	86.4 cm	800mm	1300mm
<b>Width</b>	65cm	72cm	725 mm	450 mm	57.2 cm	400mm	685mm
<b>Height</b>	100cm	127cm	1150 mm	560 mm	27.9 cm	750mm	1240mm
<b>Weight</b>	335kg	Not supplied	275 kg	56.6 kg	64 kg	80 kg	375kg
<b>Wheeled or tracked</b>	Tracked	6 Wheel drive	6 Wheel drive	Tracked (wheel kit)	Tracked	Tracked (wheel kit)	Tracked
<b>Stair climbing</b>	Yes 45°	Yes	Yes 45°	Yes 45°	Yes 43°	Yes	Yes
<b>Gap crossing H/W</b>	60cm wide	50cm wide	500 mm	450 mm	Not supplied	600 mm	500 mm
<b>Kerb climbing H/W</b>	300 mm H	300 mm H	400 mm H	400 mm H	Not supplied	500 mm H	250 mm H
<b>Speed</b>	5km/h	13Km/h	3.25 km/h	5km/h	8.3km/h	3.5km/h	3km/h
<b>Arm</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Reach of arm</b>	6.2m Horiz/Vert	2.5m Horiz 3.6m Vert	2.56m Horiz 1.65m Vert	1.77m Horiz 2.27m Vert	1.3m Horiz 0.54m Vert	1.6m Horiz 2.6m Vert	1.86m Horiz 2.86m Vert
<b>Degrees of freedom</b>	7	9	6	6	3	7	6
<b>Lifting Capacity</b> <i>retracted/extended</i>	150Kg/ 25kg at 3M	150Kg/ 15kg at 2.5m	75 kg/ 35 kg	20 kg/ 8 kg	34 kg/ 9.5 kg	More than 5kg 5 kg	100 kg/ 20 kg
<b>Power</b>	24V	40V	2 x 12V	36V	36V	24V	24V
<b>Range</b>	1Km	1Km	5 Hrs	5 Hrs	800 m	>1000m	>1000m
<b>Cameras</b>	4	6	6	3	5	5	4
<b>Sensor/Detector Package</b>	Various	Various	Met: FT702LM, Metsman Chem: GD3, CAM, Rad: M, MCAD Rad: SWG2, GR135 Exp: Sabre, MO-2M	Met: FT702LM, Metsman Chem: GD3, CAM, Rad: M, MCAD Rad: SWG2, GR135 Exp: Sabre, MO-2M	Met: Raytek Chem: MultiRAE, LCD3, Chementry, Multiwam2, FirstResponder, AFD2000 Rad: AN/UDR14 Exp: FIDO	Various	Various



Acer (8)	Marv (9)	Matilda (10)	M2P2 (11)	Sentry 1 (12)	Sentry 2 (13)	Guardian (14)	Knight (15)	Dragon Runner (16)
83"	20.5"	30"	23"	1200mm	1200mm	758mm	1359mm	17"
62"	13.5"	21"	25"	750mm	750mm	535mm	705mm	16"
56"	12"	12"	5"	900mm	900mm	524mm	1016mm	5"
450 lb	25 lb	61 lb	48 lb	180kg	200kg	62kg	250kg	15lb
Tracked	Tracked	Tracked	Wheeled	4 Wheel drive	Tracked	Tracked (wheel kit)	Wheeled (track kit)	Wheeled (track kit)
Not supplied	Yes	Yes	No	No	Yes	Yes	Yes 45°	No
62"	13.5"	21"	3"	300mm	350mm	500mm	600mm	Not supplied
18"	6.5"	10"	2"	230mm	250mm	400mm	500mm	Climbing Kit 6 ins
6.3 m/ph	4m/ph	2m/ph	2.5m/ph	10km/h	10km/h	9km/h	4km/h	10m/ph
No	No	Yes	Yes	No	No	Yes	Yes	Yes
N/A	N/A	24" Horiz 44" Vert	44" Horiz 40" Vert	2m Vert	N/A	2.6m Vert	1.94m Horiz 2.63m Vert	24" Horiz 45" Vert
N/A	N/A	5	5	2	N/A	6	7	3
N/A	N/A	35 lb/ 15 lb	10 lb/ 4 lb	100kg	N/A	40 kg/ 15 kg	118 kg/ 27 kg	10 lb/ 5 lb
Hydraulic	12V	12V	12V	24V	24V	24V	48V	12V
>500m	700m	>500m	300m	>250m	2km	1km	1km	400m
1	1	2	2	1	2	4	3	1
None	None	Not standard	Not standard	None	None	Not standard	Not standard	Not standard

9 Mesa Robotics



10 Mesa Robotics



11 Kuchera



12 Marshall SV



13 Marshall SV



14 AB Precision



15 WM Robots



16 Foster Miller

