



Model	Terranox CM120M1	Terranox CM240M1	X430	X450	i206 AWD	i210 AWD	i215 LiDAR	H210 LiDAR	H220 LiDAR
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Overall Dimensions

Recommended Mowing Area	3 Acres	6 Acres	1 acre	1.5 acre	0.15 acre	0.25 acre	0.37 acre	0.25 acre	0.5 acre
Dimensions	33.5 × 24.0 × 13.8 in	33.5 × 24.0 × 13.8 in	33.5 × 24.0 × 13.8 in	33.5 × 24.0 × 13.8 in	21.4 × 15.1 × 11.2 in	21.4 × 15.1 × 11.2 in	25.0 × 17.5 × 11.3 in	24.6 × 17.5 × 11.6 in	24.6 × 17.5 × 11.6 inch
Net Weight	65.2 lbs	66.02 lbs	63.71 lbs	63.71 lbs	26.56 lbs	27.12 lbs	32.4 lbs	34.51 lbs	35.83 lbs

Key Features

Locating System	EFLS™ NRTK (NRTK + 360°Vision + VIO)	EFLS™ NRTK (NRTK + 360°Vision + VIO)	EFLS™ NRTK (NRTK + 360°Vision + VIO)	EFLS™ NRTK (NRTK + 360°Vision + VIO)	EFLS™ NRTK (NRTK + Vision)	EFLS™ NRTK (NRTK + Vision)	EFLS™ LIDAR (LIDAR + Vision)	EFLS™ LIDAR+ (LIDAR + NRTK + Vision)	EFLS™ LIDAR+ (LIDAR + NRTK + Vision)
Object Detection System	VisionFence™ (360° RGB Camera + ToF)	VisionFence™ (360° RGB Camera + ToF)	VisionFence™ (360° RGB Camera + ToF)	VisionFence™ (360° RGB Camera + ToF)	VisionFence™ (140° RGB Camera)	VisionFence™ (140° RGB Camera)	VisionFence™ (LIDAR + 140° RGB Camera)	VisionFence™ (LIDAR + 140° RGB Camera)	VisionFence™ (LIDAR + 140° RGB Camera)
Driving Engine	4WD with dual independent steering motors	4WD with dual independent steering motors	4WD with dual independent steering motors	4WD with dual independent steering motors	3 AWD	3 AWD	2 Rear Wheels	2 Rear Wheels	2 Rear Wheels
Noise Level	68 dB(A)	68 dB(A)	68 dB(A)	68 dB(A)	59 dB(A)	59 dB(A)	59 dB(A)	60 dB(A)	60 dB(A)
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Weather Adaptive	Weather Forecast + Rain Sensor	Weather Forecast + Rain Sensor	Weather Forecast + Rain Sensor	Weather Forecast + Rain Sensor	Weather Forecast	Weather Forecast	Weather Forecast	Weather Forecast + Rain Sensor	Weather Forecast + Rain Sensor
Maximum Slope Ability	84% (40°)	84% (40°)	84% (40°)	84% (40°)	45% (24°)	45% (24°)	45% (24°)	45% (24°)	45% (24°)
Antenna Installation Required	N	N	N	N	N	N	N	N	N
Auto-Mapping	Y	Y	Y	Y	Y	Y	Y	Y	Y
Auto-Recharge	Y	Y	Y	Y	Y	Y	Y	Y	Y
Vertical Passing Ability	2.8 in (5.9 in for gentle slopes)	2.8 in (5.9 in for gentle slopes)	2.8 in (5.9 in for gentle slopes)	2.8 in (5.9 in for gentle slopes)	1.57 in	1.57 in	1.18 in	1.18 in	1.18 in
Multi-Zone Management	120	120	120	120	20	20	20	30	30
GeoSketch™	Y	Y	Y	Y	N	N	Y	Y	Y
Signal Enhancement Antenna Supported	Y	Y	Y	Y	N	N	N	N	N

Efficiency

Battery Capacity	20 Ah/432 Wh	25 Ah/540 Wh	12.8 Ah	12.8 Ah	2.55 Ah	5.1 Ah	7.65 Ah	5.1 Ah	10 Ah
Charging Time	145 min	180 min	90 min	90 min	60 min	120 min	130 min	70 min	120 min
Full Charge Mowing Time	145 min	180 min	110 min	110 min	60 min	120 min	160 min	110 min	220 min
Continuous Mowing Area per Day	1.8 acres/24 Hours	2 acres/24 Hours	1 acre/15 Hours	1.5 acres/23 Hours	0.37 acre/24 Hours	0.37 acre/24 Hours	0.52 acre/24 Hours	0.69 acre/24 Hours	0.93 acre/24 Hours

Cutting System

Cutting Height	0.75–4 in (adjustable to 0.25 in)	0.75–4 in (adjustable to 0.25 in)	0.75–4 in	0.75–4 in	2–3.6 in	2–3.6 in	2–4 in (0.8–2.8 in with low-cutting kit)	2–4 in (0.8–2.8 in with low-cutting kit)	2–4 in (0.8–2.8 in with low-cutting kit)
Cutting Height Adjustment Method	App-controlled	App-controlled	App-controlled	App-controlled	Manual	Manual	App-controlled	App-controlled	App-controlled
Cutting Width	17 in	17 in	17 in	17 in	7.1 in	7.1 in	8.66 in	8.66 in	8.66 in
Floating Cut System	Y	Y	Y	Y	N	N	N	N	N
Anti-Clogging Cutting Disc	Y	Y	Y	Y	N	N	N	Y	Y
Cutting Disc	2 Discs, 12 Blades	2 Discs, 12 Blades	2 Discs, 12 Blades	2 Discs, 12 Blades	1 Disc, 5 Blades	1 Disc, 5 Blades	1 Disc, 6 Blades	1 Disc, 6 Blades	1 Disc, 6 Blades

Security & Safety

GPS Tracking	Y	Y	Y	Y	Y	Y	Y	Y	Y
Out-of-Boundary Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y
Lifted Alarm	Y	Y	Y	Y	Y	Y	Y	Y	Y
Proximity Unlock	Y	Y	Y	Y	N	N	Y	Y	Y
Find My	Y	Y	Y	Y	N	N	Y	Y	Y
Pin Code	Y	Y	Y	Y	Y	Y	Y	Y	Y
Object Recognition	200+	200+	200+	200+	150+	150+	200+	200+	200+

Warranty

[illegible]

Others

[illegible]