






		GOATO Series			GOATA Series		Brand W	Brand S	Brand L
		O500 Panorama	O800 RTK	O1200 RTK	A1600 RTK	A3000 LiDAR	WR2*6E	I1*5E	L*b* 2 1000
Main Tech		ToF+Vision (360° + Fisheye)	RTK + ToF + Vision		RTK + ToF + Vision	Lidar+ToF+Vision	Vision	RTK + Vision	RTK + Vision
Cutting System	Recommended Cutting Area	500m²/0.12 acre	800m²/0.20 acre	1200m²/0.30 acre	1600m²/0.44 acre	3000m²/0.74 acre	600m²/0.15 acre	500m²/0.12 acre	1000m²/0.25 acre
	Cutting Height	30-80mm/ 1.2-3.1inch	30-80mm/ 1.2-3.1inch	30-80mm/ 1.2-3.1inch	30-90mm/ 1.2-3.5inch	30-90mm/ 1.2-3.5inch	30-60mm/ 1.2-2.4inch	20-90mm/ 0.8-3.5inch	25-70mm/ 1.0-2.8inch
	Cutting Width	220mm/ 8.7inch	220mm/ 8.7inch	220mm/ 8.7inch	330mm/ 13.0inch	330mm/ 13.0inch	180mm/ 7.1inch	180mm/ 7.1inch	400mm/ 15.7inch
	Electric Height Adj.	○	○	●	●	●	○	○	●
	Narrow path passage	<0.8m/ <2.6ft	<0.8m/ <2.6ft	<0.8m/ <2.6ft	0.8m/ 2.6ft	0.8m/ 2.6ft	1m/ 3.3ft	1m/ 3.3ft	
	Blade to robot edge	9cm/ 3.5inch	9cm/ 3.5inch	9cm/ 3.5inch	5cm/ 2.0inch	5cm/ 2.0inch	8cm/ 3.1inch	10cm/ 3.1inch	10cm/ 3.9inch
Intelligent System	GPS	○	○	○	○	○	○	○	○
	360° Camera Brush	○	-	-	-	-	○	○	○
Energy System	Voltage	20V	20V	20V	32V	32V	20V	21.6V	21.6V
	Charging current	1.8A	1.8A	3.0A	3.0A	5.0A	1.5A	2.5A	7.0A
	Battery Capacity	4Ah	4Ah	5.2Ah	3Ah	5Ah	2Ah	2.55Ah	4.5Ah
	Run Time Per Charge	65min	65min	110min	60min	100min	60min	60min	90min
	Charge Time	100min	100min	140min	45min	45min	80min	90min	120min
	Efficiency	100-150m³/h 0.02-0.04arce/h	115-170m³/h 0.03-0.04arce/h	115-170m³/h 0.03-0.04arce/h	350m²/h 0.09acre/h	400m²/h 0.1acre/h	600m²/10h 0.15acre/10h	100m³/h 0.02acre/h	400m³/h 0.1acre/h
Motor System	Max. Slope	45%	45%	45%	50%	50%	30%	30%	80%

		GOAT A Series		Brand H	Brand S	Brand L
		A1-1600 RTK	A1-3000 RTK	4*OX	H 3*00E	L*b* 2 3000
Main Tech		RTK + ToF + Vision		Boundary wire	RTK	RTK + Vision
Cutting System	Recommended Cutting Area	1600m²/0.5acre	3000m²/0.7acre	3200m²/0.8acre	3000m²/0.7acre	3000m²/0.7acre
	Cutting Height	30-90mm/ 1.2-3.5inch	30-90mm/ 1.2-3.5inch	20-60mm/ 0.8-2.4inch	30-60mm/ 1.2-2.4inch	25-70mm/ 1.0-2.8inch
	Cutting Width	330mm/ 13.0inch	330mm/ 13.0inch	240mm/ 9.4inch	210mm/ 8.3inch	400mm/ 15.7inch
	Electric Height Adj.	●	●	●	●	●
	Narrow path passage	0.8m/2.6ft	0.8m/2.6ft	1m/3.3ft	1m1m/3.3ft	
	Blade to robot edge	5cm/2.0inch	5cm/2.0inch	15cm/5.9ft	7cm/2.8ft	8cm/3.1inch
Intelligent System	GPS	○	○	●	○	○
	360° Camera Brush	-	-	-	○	○
Energy System	Voltage	32V	32V	18V	21.6V	21.6V
	Charging current	5.0A	5.0A	4.2A	2.5A	7.0A
	Battery Capacity	5Ah	7.5Ah	5Ah	10.4Ah	9.6Ah
	Run Time Per Charge	100min	145min	100min	240min	180min
	Charge Time	45min	65min	-	300min	150min
	Efficiency	350m²/h 0.09acre/h	350m²/h 0.09acre/h	133m²/h 0.03acre/h	150m²/h 0.04acre/h	400m²/h 0.1acre/h
Motor System	Max. Slope	50%	50%	50%	45%	80%

			Project Qinggeng		
					
			青耕-3000 LiDAR	青耕-3000 RTK	青耕-1600 RTK
Mowing Effectiveness	Energy Platform	Energy Platform	32V	32V	32V
	Cutting Power	Cutting Power	100W	100W	100W
		Torque	1N*m	1N*m	1N*m
		Rotating Speed	3000rpm	3000rpm	3000rpm
	Edge Mowing	Blade-to-edge distance	5cm	5cm	5cm
		Ride-on edge	●	●	●
		Manual edge-mowing unit	-	-	-
		Edge shifting	-	-	-
	Navigation	Navigation	LiDAR + Camera	RTK + Camera	RTK + Camera
	Cutting Height	Cutting Height	30-90mm	30-90mm	30-90mm
Electric Height Adj.		●	●	●	
Mowing Area	Mowing Area	Recommended Cutting Area	3000m ²	3000m ²	1600m ²
		Maximum Cutting Area	10000m ²	10000m ²	2500m ²
Mowing Efficiency	Short-cycle efficiency	Cutting Efficiency	400m ² /h	400m ² /h	400m ² /h
		Cutting Width	330mm	330mm	330mm
		Staggered Blade-discs	Y	Y	Y
	Long-cycle efficiency	Charging Time	45min	45min	45min
		Runtime/Charge	75min	75min	45min
	Charging Time Rate	38%	38%	50%	
Easy Usage	Mapping	Automated Mapping	Full	Full	Full
	Setup	Setup-Free	●	-	-
	Lawn collection	Lawn collection	-	-	-
	Display	LED Screen	-	-	-
Adaptability	Climbing	Max. Slope	50%	50%	50%
		AWD	-	-	-
	Passability	Narrow path passage	0.8m	0.8m	0.8m
	Obstacle Avoidance	Obstacle Avoidance	3D ToF + Camera	3D ToF + Camera	3D ToF + Camera
Performance	Chipset	CPU	8 * 1.8GHz	8 * 1.8GHz	8 * 1.8GHz
		BPU - Computing Power	10TOPS	10TOPS	10TOPS

			Project Baize		
					
			白泽-1200 RTK	白泽-800 RTK	白泽-500 Panorama
Mowing Effectiveness	Energy Platform	Energy Platform	20V	20V	20V
	Cutting Power	Cutting Power	-	-	-
		Torque	-	-	-
		Rotating Speed	-	-	-
	Edge Mowing	Blade-to-edge distance	9cm	9cm	9cm
		Ride-on edge	●	●	●
		Manual edge-mowing unit	-	-	-
		Edge shifting	-	-	-
	Navigation	Navigation	RTK + Camera	RTK + Camera	Panoramic Vision
	Cutting Height	Cutting Height	30-80mm	30-80mm	30-80mm
Electric Height Adj.		●	-	-	
Mowing Area	Mowing Area	Recommended Cutting Area	1200m ²	800m ²	500m ²
		Maximum Cutting Area	1500m ²	1000m ²	700m ²
Mowing Efficiency	Short-cycle efficiency	Cutting Efficiency	170m ² /h	170m ² /h	150m ² /h
		Cutting Width	220mm	220mm	220mm
		Staggered Blade-discs	-	-	-
	Long-cycle efficiency	Charging Time	93min	104min	104min
		Runtime/Charge	75min	52min	52min
Charging Time Rate		55%	67%	67%	
Easy Usage	Mapping	Automated Mapping	Full	Full	Full
	Setup	Setup-Free	-	-	●
	Lawn collection	Lawn collection	-	-	-
	Display	LED Screen	-	-	-
Adaptability	Climbing	Max. Slope	45%	45%	45%
		AWD	-	-	-
	Passability	Narrow path passage	0.6m	0.6m	0.6m
Performance	Chipset	Obstacle Avoidance	3D ToF + Camera	3D ToF + Camera	3D ToF + Camera
		CPU	8 * 1.8GHz	8 * 1.8GHz	8 * 1.8GHz
		BPU - Computing Power	10TOPS	10TOPS	10TOPS