

Item		Unit	MC700 Air-2024	MC700 std-2024	MC700 plus-2024
V e h i c l e I n f o	Dimensions (L×W×H)	mm	1460×1100×685	1460×1100×685	1460×1100×685
	Body Structure		Monocoque Body	Monocoque Body	Monocoque Body
	Curb Weight	kg	320	320	320
	Operating Travel Speed	km/h	0-4.1	0-4.1	0-4.1
	Working Efficiency	m ² /h	2500 m ² /h	2500 m ² /h	2500 m ² /h
	Control Method		Two-hand remote control	Two-hand remote control	Two-hand remote control
	Driving Mode		MT	MT	MT
	Minimum Ground Clearance	mm	90	90	90
	Max Safe Tilt Angle	°	45	45	45
	Endurance (Pure Electric)	min	30	30	30
	Runtime (Pure Electric) / Runtime (Hybrid)	min	180	180	180
	Travel Load Rating	kg	100	100	100
	Power Source		Hybrid Power (Gasoline/Electric)	Hybrid Power (Gasoline/Electric)	Hybrid Power (Gasoline/Electric)
	APP Functions		○Optional	Multi-image transmission, path planning, remote control, and complete vehicle Information display, positioning information display, etc	Multi-image transmission, path planning, remote control, and complete vehicle Information display, positioning information display, etc
	Machine Display Info		Mower voltage & battery level, Mower temperature	Mower voltage & battery level, Mower temperature	Mower voltage & battery level, Mower temperature
C o n t r o l S y s t e m	Remote Controller Display Info		Mower voltage/batt, Remote batt, Motor speed, Motor temp, Various alarm info	Mower voltage/batt, Remote batt, Motor speed, Motor temp, Various alarm info	Mower voltage/batt, Remote batt, Motor speed, Motor temp, Various alarm info
	Controller		Automotive-grade controller	Automotive-grade controller	Automotive-grade controller
	Remote Controller		Industrial-grade digital display	Industrial-grade digital display	Industrial-grade digital display
	Remote Controller	m	≤200	≤200	≤200
	Auto Hold		● Standard	● Standard	● Standard
	Hill Start Assist		● Standard	● Standard	● Standard
	Straight-line Assist		● Standard	● Standard	● Standard
	Path Planning		○Optional	● Standard	● Standard
	Anti-interference		Multiple-device support without interference	Multiple-device support without interference	Multiple-device support without interference
D r i v i n g S y s t e m	Protection Rating		Consumer-grade	Consumer-grade	Automotive-grade IP65
	Drive Type		Tank-style tracks	Tank-style tracks	Tank-style tracks
	Driving Speed	km/h	0-4.1	0-4.1	0-4.1
	Driving Torque	N·m	175	175	175
	Brake		● Standard	● Standard	● Standard
	Brake Release		● Standard	● Standard	● Standard
	Minimum Turning Radius	m	0	0	0
	Max Climbing Angle	°	≤45	≤45	≤45
	Track Front Elevation Angle	°	45	45	45
	Vertical Obstacle Clearance	cm	≤15	≤15	≤15
	Front/Rear Tilt Angle	°	≤40	≤40	≤40
	Left/Right Tilt Angle	°	≤40	≤40	≤40
	Air-cooled 4-stroke Twin-cylinder Vertical Shaft Gasoline Engine	Loncin	● Standard		
		HONDA		● Standard	● Standard
	Power	kw/rpm	Max Power 11.5/3600	Max Power 15.5/3600	Max Power 15.5/3600
	Max Torque	N·m/rpm	36/2600	48.3/2500	48.3/2500
	Displacement	cm ³	608	688	688
	Oil Capacity	L	1.6	1.9	1.9
	Oil Drain Valve		Included	Included	Included

	Grass Discharge Device		Standard discharge disc	Standard discharge disc	Standard discharge disc
	Fuel Tank Capacity	L	10	10	10
	Fuel Level Display		Liquid level gauge	Liquid level gauge	Liquid level gauge
	Fuel Tank Drain Valve		Included	Included	Included
E l e c t r i c a l	Battery Capacity (20HR)		SLA 23	SLA 23	SLA 23
	Range Extender System		● Standard	● Standard	● Standard
	Generator Protection		Filter screen	Filter screen	Filter screen
	Electrical Components		Consumer-grade components	Consumer-grade components	Automotive-grade components
	Charging Time	hr	8	8	8
	Protection Rating		IP55	IP55	IP55
M o w i n g S y s t e m	Cutting Width	mm	700	700	700
	Cutter Deck Lift Mechanism		Air spring-assisted flexible lift	Air spring-assisted flexible lift	Air spring-assisted flexible lift
	Cutting Height	mm	5-90	5-90	5-90
	Work Area Statistics		○Optional	●Standard	●Standard
	Blade Type		Segmented	Segmented	Segmented
	Number of Blades	PCS	2	2	2
	Blade Speed Control		Manual	Manual	Manual
	Impact Protection		Clutch	Clutch	Clutch
	Deck Wash Port		● Standard	●Standard	●Standard
	Quick Access Panel		● Standard	●Standard	●Standard
S a f e t y C o n f i g	Drive Unit Temp Alarm Protection	80°C	●Standard	●Standard	●Standard
	Overload Protection		●Standard	●Standard	●Standard
	Anti-rollaway System		●Standard	●Standard	●Standard
	Emergency Stop Button		●Standard	●Standard	●Standard
	Emergency Shutdown		●Standard	●Standard	●Standard
	Disconnection Shutdown Protection		●Standard	●Standard	●Standard
	Protective Frame		●Standard	●Standard	●Standard
	Drive Protection		●Standard	●Standard	●Standard
	Grass Discharge Guard		Front/Rear leather curtains	Front/Rear leather curtains	Front/Rear leather curtains
	Remote Controller Protection		Drop protection	Drop protection	Drop protection
A c c e s s o r i e s	Remote Controller Rating		IP54	IP54	IP65
	Camera	PCS	+1000	● Standard	● Standard
	Machine Charger	PCS	1	1	1
	Remote Controller	PCS	1	1	1
	Remote Controller Strap	PCS	1	1	1
	Control Box Key	PCS	1	1	1
	Fuel Tank Key	PCS	2	2	2
	Manual + Warranty		1 SET	1	1