

Buyer's Guide

How to choose the right remote-control mower for your terrain, vegetation and budget.

THE CASE FOR RC

Why a remote-control mower?

Remote-control (RC) flail and rotary mowers let a single operator clear slopes, verges, orchards and solar farms that are dangerous or costly to reach with ride-on equipment or manual crews. Key gains:

Safety first

Keep the operator away from slopes, brush and falling debris. One person, at a safe distance, controls the machine via 500 m remote.

Steep access

Tracked models climb 50–60°. Tank-tracked units handle 60° and muddy, uneven ground that wheeled machines cannot.

Lower running cost

Versus a manual crew, one RC unit replaces 3+ workers and cuts fuel and overtime on large or repeated areas.

All-terrain

From flat estates to flail brush clearing — pick wheeled, tracked, tank-tracked or flail depending on the job.

Quiet & clean

Electric models (E-series) run emission-free at low noise — ideal for gardens, residential and noise-restricted zones.

Year-round

Built-in generator keeps batteries charged; work in rain or dry, slope or flat, brush or turf.

SELECTION FACTORS

Step 1 — Define your job

Answer these before you shortlist a model. They drive every recommendation that follows.

FACTOR	WHY IT MATTERS	WHAT TO NOTE
Terrain & slope	Sets mobility type and climb rating	Flat → wheeled; 35–50° → tracked; 50–60° / muddy → tank-tracked
Vegetation	Rotary vs flail cutting	Turf/grass → rotary; brush/thick stems → flail
Area & frequency	Drives cutting width & throughput	Large/repeated → wider deck (≥1,000 mm)
Power source	Runtime, noise, emissions	Gas hybrid standard; electric for quiet/zero-emission
Access width	Fits between rows / gates	Orchards & solar: compact width (500–550 mm)
Budget & MOQ	Unit price vs crew cost	See TCO guide; MOQ typically 5 units

RECOMMENDATION MATRIX

Step 2 — Match scenario to model

SCENARIO	TERRAIN / NEED	RECOMMENDED RCVIX	WHY
Solar farm	Flat rows, fire prevention, low profile	W500 · T550 · F800	Narrow wheeled/tracked; flail for brush between panels
Steep slope / embankment	45–60° grade	T800 · T1000 · TT1000 · TT1200	50–60° climb, stable tracked platform
Orchard / vineyard	Narrow rows, gentle grade	W500 · T550	Compact width, low ground pressure
Pasture / grazing land	Large area, brush	F1000 · F1200 · TT800	Wide flail clears thick growth fast
Roadside / verge	Slope + brush, safety	T800 · F800 · F1000	Distant operator, flail mulches debris
Estate / park	Flat, quiet, presentable	W500 · E550 · E800	Electric option for low noise
Wet / muddy field	Soft ground, ruts	TT800 · TT1000	Widened tank tracks, low sink

AT A GLANCE

Step 3 — Quick model picker

All 13 RCVIX models by cutting width, climb and weight. Full specs in the product catalog.

MODEL	SERIES	CUT	CLIMB	POWER	WEIGHT	BEST FOR
W500	Wheeled	500 mm	35°	9HP	95 kg	Estates
T550	Tracked	550 mm	50°	9.5HP	153 kg	Slopes
T550S	Tracked	550 mm	50°	9.5HP	153 kg	Slopes
T800	Tracked	800 mm	50°	16HP	240 kg	Rough terrain
T1000	Tracked	1,000 mm	50°	22HP	280 kg	Large terrain
TT800	Tank-Tracked	800 mm	50°	16HP	300 kg	Brush clearing
TT1000	Tank-Tracked	1,000 mm	60°	27HP	340 kg	Extreme slopes
TT1200	Tank-Tracked	1,200 mm (twin blade)	60°	27HP	370 kg	Maximum output
F800	Flail	800 mm	50°	13HP	350 kg	Brush clearing
F1000	Flail	1,000 mm	50°	25HP	390 kg	Large verges
F1200	Flail	1,200 mm	50°	25HP	440 kg	Heavy brush
E550	Electric	550 mm	35°	48 V	130 kg	Gardens
E800	Electric	800 mm	50°	60 V	320 kg	Steep slopes

BEFORE YOU BUY

Step 4 — Supplier checklist

Use this list when comparing suppliers. It separates serious OEM/ODM partners from low-cost unknowns.

Certifications

Ask for the Declaration of Conformity (CE / FCC / UKCA). 'Built to standard' is not a certificate — confirm the document names the brand.

Remote & fail-safe

500 m range is standard; the unit must auto-stop if signal is lost. Test this on delivery.

Warranty & spares

Confirm warranty length, what's covered, and that wear parts (tracks, blades, belts) are stocked and shippable.

After-sales

Can you get manuals, fault codes and remote technical help in your language? Reference customers / case studies?

Build quality

Check track material, generator output (keeps battery charged) and frame welding — not just the price.

Commercials

MOQ, lead time, incoterms (FOB/CIF/DDP) and whether OEM/ODM branding is supported.

Ready to discuss your project?

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rcvix.com



Let's build your product line.

OEM / ODM partnership, global logistics, technical support and spare-parts supply for distributors and equipment brands worldwide.

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