

AGRIO HY-500

100% Electric Orchard Transporter · Lift & Dump for Harvest Work

Field-verified in Korea · orchard & greenhouse trials · LFP battery option available



500 kg
Cargo Payload



48V · 5kW
AC induction motor



20% Grade
Lugged tyres · diff-lock

WHY AGRIO HY-500



Built for Orchards

Harvest, prune & haul on one platform



Lift to Canopy

Scissor deck reaches upper branches



Tip & Unload

Hydraulic three-open box for fast dumping



Diff-Lock Traction

Rear drive · ratio 15:17 for soft ground



48V Electric

Quiet, zero-emission, LFP optional



Tight 5.5 m Turn

Maneuvers narrow orchard rows

ONE PLATFORM, THREE JOBS



Flatbed / Cargo Mode

Drop-side deck for crates, bins & bulk farm loads



Scissor Lift Mode

Raise the deck so pickers reach upper branches without ladders



Hydraulic Dump Mode

Three-way tilting box unloads crates, soil or harvest in seconds

KEY SPECIFICATIONS

Configuration	48V • 5 kW
Dimensions (L×W×H)	2,980 × 1,315 × 1,455 mm
Cargo box (inner)	1,610 × 1,156 × 250 mm
Payload	500 kg
Lift capacity	> 400 kg
Curb / Gross weight	740 / 1,305 kg
Max speed	9 km/h (adjustable)
Gradeability	20%
Turning diameter	5.5 m
Ground clearance	120 mm

Motor	AC asynchronous • 3 kW
Controller	CAN • 3 kW
Battery	8V/190Ah ×6 (LFP optional)
Range	60 km (no-load)
Charging	8-10 h • 95-265V
Drive	Rear-drive • diff-lock (15.17)
Brake	Drum • energy recovery
Tyres	F 16×6.50-8 / R 20×10-10
Steering	Rack & pinion • power-assist
Equipment	Beacon • mirrors • remote • ECO