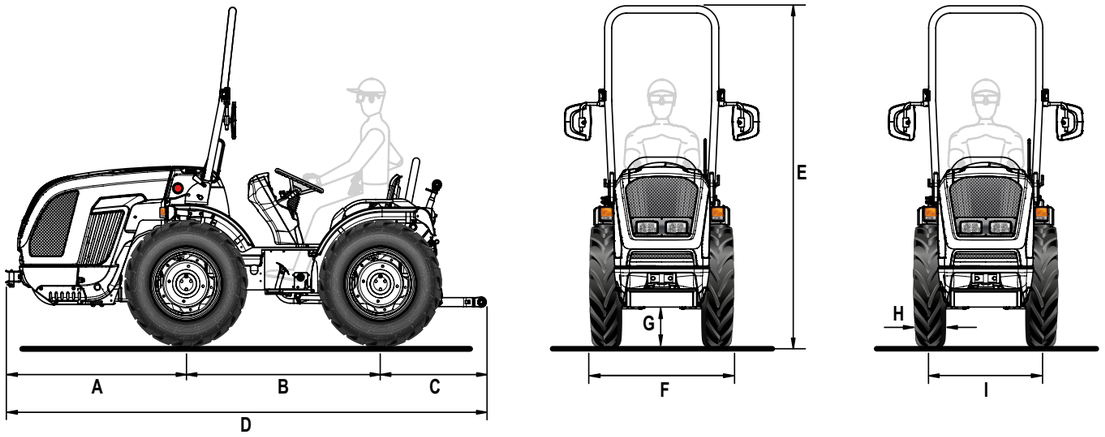
e-Cobram AR MICRO

DATA SHEET



A	B	C	D	E min/max	F min/max	G min/max
1248	1340	779	3367	2251 / 2274	950 / 1322	253 / 279

* Dimensions in mm

	8.25-16	7.00-18	210/95 R18
	with adjustable rim	with fixed rim	with fixed rim
H	212	178	208
I	770 / 1110	772 / 1130	795 / 1103
F	982 / 1322	950 / 1308	1003 / 1311

* Dimensions in mm - min / max
H = Tyre width - I = Wheel track - F = Tractor width

TECHNICAL FEATURES	e-COBRAM AR MICRO
ENGINE	Electric | Total installed electrical power 40 kW
Batteries	Lithium | Voltage 48 V | Capacity 36 kWh
Autonomy	3 to 6 hours depending on application and working conditions
Charging time	Battery charging time with 6 kWh input: approx. 3 hours (20 to 80%) - approx. 5 hours (0 to 100%)
CHIASSIS	Swinging integral chassis (±15°) OS-FRAME with central articulation
DRIVE	Permanent four-wheel drive
TRANSMISSION	24-speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser
Min/max travel speed (km/h)	0.7 / 35
Transmission clutch	Multidisc in oil bath
DIFFERENTIAL	Front and rear with simultaneous locking and electro-hydraulic control
AXLES	Front and rear with planetary reduction units
REAR PTO	Independent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO
PTO clutch	Multidisc in oil bath with electro-hydraulic control
PTO rotation speed (rpm)	540
HYDRAULIC SYSTEM	Dual circuit with dedicated electric engine
Hydraulic flow rate of the power steering and electro-hydraulic controls (l/min)	17.5
Hydraulic flow rate of the lift and control valves (l/min)	23
Maximum hydraulic pressure (bar)	180
REAR CONTROL VALVES	Mechanically controlled
Standard	With rear up/down lift: 1 double-acting (total 2 hydraulic outlets) With draft-controlled rear lift: 1 double-acting and 1 double-acting with float (total 4 hydraulic outlets)
Optional	With rear up/down lift: up to 7 hydraulic outlets in total and free flow oil return - With draft-controlled rear lift: up to 5 hydraulic outlets in total and free flow oil return
"PREMIUM" HYDRAULIC SYSTEM (optional)	Available for up/down lift and including: oversized hydraulic pump of the lift and control valves with 33.5 l/min flow rate, heat exchanger, flow divider and 7 total hydraulic outlets with free flow oil return
REAR LIFT	By two external cylinders. Standard: up/down lift - Optional: position and draft-controlled
3-point implement hitch	Standard: Normal couplings cat. 1 - Optional: Quick-couplings cat. 1, L-shaped, arms adjustable in length and hooks adjustable in width and hydraulically controlled upper link and tie rod link arm
Third point tie rod	Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm (only with quick-couplings)
Ball joint lifting capacity (kg)	1200
DRIVING POSITION	Reversible with rotating platform and twin pedal assembly
Steering wheel	Standard: fixed - Optional: height adjustable
Seat	Comfort seat with adjustable suspension according to the operator's weight, safety belt and man-on-board sensor
SERVICE BRAKES	Multidisc in oil bath with mechanical control, acting on the rear wheels
Parking brake	Acting on service brakes
STEERING	Hydrostatic steering acting on the central joint. Flow deviator for steering unit
SAFETY	Front homologated roll-bar with gas spring for easy lowering and lifting
DASHBOARD	Instrument panel with analogue gauges and TFT digital colour display. Remaining charge indicator, warning lights and horn
Standard equipment	Vehicle Control Unit, street light and indicator system, single-pole dashboard socket, rear 7-pin socket
TYRES	8.25-16 * 7.00-18 * 210/95R18
TOW HOOKS	Standard: front and rear CUNA cat. B adjustable in height - Optional: rear tow hook EC approved
RUNNING ORDER WEIGHT	With roll-bar: 1590 kg
ADDITIONAL OPTIONS	Front bumper, beacon lamp, rear adjustable working light, front weights 110 kg total