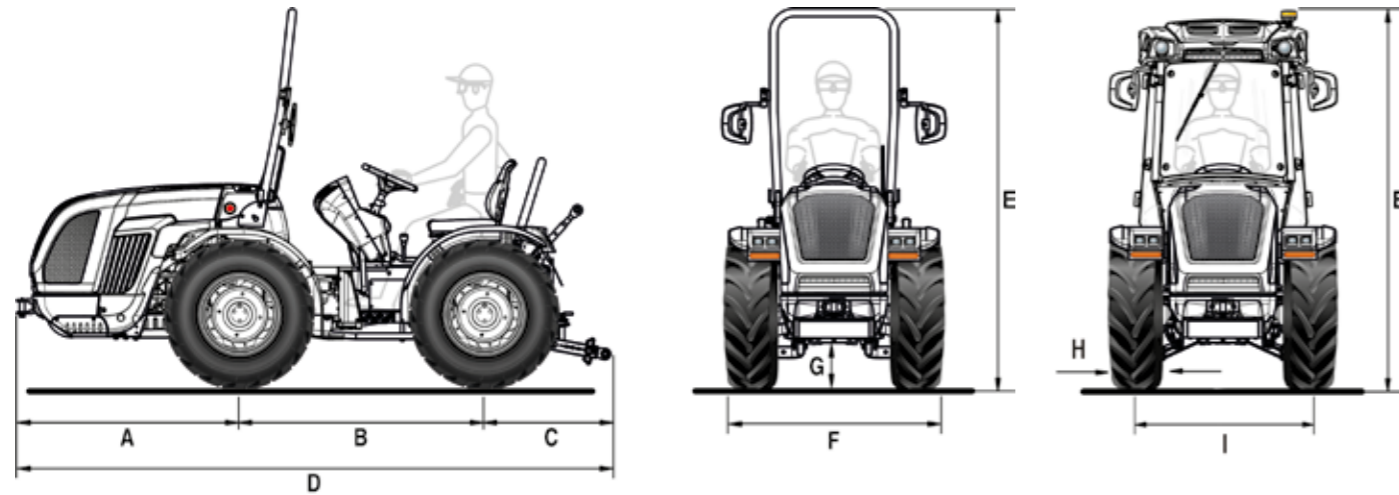


# ERMES 70 AR

## Data sheet



A	B	C	D	E min/max (with roll-bar)	E min/max (with cab)	F min/max	G min/max
1314	1480	735	3529	2215 / 2300	2145 / 2230	1121 / 1525	214 / 299

Dimensions in mm

	250/80-18 with adjustable rim	280/70 R18 with adjustable rim	280/70 R18 Garden with adjustable rim	320/65 R18 with adjustable rim	260/70 R20 with adjustable rim
<b>H</b>	240	282	282	319	258
<b>I</b>	881 / 1107	931 / 1119	931 / 1119	967 / 1119	902 / 1120
<b>F</b>	1121 / 1347	1206 / 1394	1206 / 1394	1286 / 1438	1160 / 1378

	31x15.50-15 XTC with fixed rim	33x15.50-15 XTC with fixed rim	340/65 R18 * with adjustable rim	280/70 R20 * with adjustable rim	280/70 R20 * PneuTrac with adjustable rim
<b>H</b>	368	391	343	282	286
<b>I</b>	1003	1111	1021 / 1119	961 / 1243	1005 / 1205
<b>F</b>	1371	1502	1364 / 1462	1243 / 1525	1291 / 1491

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

\* Oversized planetary reduction units

TECHNICAL FEATURES	ERMES 70 AR
<b>ENGINE</b>	Kohler KDI 2504 TCR   Diesel common rail direct injection   Turbo intercooler   4 in-line cylinders 16 valves   2482 cc   Liquid cooling   Stage V
Power	46 kW / 63 hp @2600 rpm   Max torque 205 Nm@1500 rpm
Engine speed management	Electronically regulated with hand throttle knob and button with functions for: memorize/recall/exclude the set engine speed
<b>CHASSIS</b>	Swinging integral chassis (±15°) OS-FRAME with central articulation
<b>DRIVE</b>	Permanent four-wheel drive
<b>TRANSMISSION</b>	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 with electronically-managed and proportional hydraulic control. Power Clutch System button for engaging gears and reverser without using the clutch pedal. PRO-ACT System clutch pedal with Easy Plus™ assisted engagement. Smart Brake & Go function for automatic clutch management only with the brake pedal.
<b>DIFFERENTIAL</b>	Front and rear with simultaneous locking and electro-hydraulic control
<b>AXLES</b>	Front and rear with planetary reduction units - Optional: oversized planetary reduction units
<b>REAR PTO</b>	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)	540/540E
<b>HYDRAULIC SYSTEM</b>	Dual circuit with independent pumps and heat exchanger
Hydraulic pump flow rate of the power steering and electro-hydraulic controls (l/min)	13
Hydraulic pump flow rate of the lift and control valves (l/min)	37 (optional circuit with increased flow rate 48 l/min)
Maximum hydraulic pressure (bar)	180
<b>REAR CONTROL VALVES</b>	Mechanically controlled
Standard	1 double-acting with float and free flow oil return (total 3 hydraulic outlets)
Optional and in addition to the standard ones	With rear up/down lift: up to 7 hydraulic outlets in total - With draft-controlled rear lift: up to 5 hydraulic outlets in total
Joystick (optional)	Proportional electronic control of rear lift and control valves consisting of: 1 continuous flow with adjustable flow rate and free flow oil return, 4 double-acting (replacing the standard ones) and circuit with increased flow rate 48 l/min (total 10 hydraulic outlets). Potentiometer for adjusting joystick sensibility. Remote control for PTO engagement. Storage armrest
<b>REAR LIFT</b>	By two external cylinders. Standard: up/down lift - Optional: position and draft-controlled
Three-point implement hitch	Standard: normal couplings cat. 1 - Optional: quick-couplings cat. 1 (arms not adjustable in length) or quick-couplings cat. 1 and 2, L-shaped, arms adjustable in length and hooks adjustable in width
Third point tie rod	Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm (only for lift with L-shaped arms cat. 1 and 2)
Ball joint lifting capacity (kg)	1900
<b>DRIVING POSITION</b>	Reversible with rotating platform suspended on silent blocks. Suspended pedals mounted on the rotating control tower
Steering wheel	Height adjustable
Seat	With gas spring for easy tipping, safety belt and man-on-board sensor. Standard: comfort seat with adjustable spring tension according to the operator's weight - Optional: 'Grammer' or 'Cobo' pneumatic seat
<b>SERVICE BRAKES</b>	Oil bath discs with hydrostatic control, acting on the rear wheels
Parking brake	With handle acting on service brakes
<b>STEERING</b>	Hydrostatic steering acting on the central joint. Flow deviator for steering unit
<b>SAFETY</b>	Front homologated roll-bar with gas spring for easy lowering and lifting
<b>CABIN (optional)</b>	Soundproofed, ROPS and FOPS homologated. Monocoque body with a 4-upright conical structure suspended on silent block. LED beacon lamp, fabric seat, USB car radio with speaker phone and sound diffusers, 2 USB outlets. Available with ventilation and heating system (VISTA model) or with air-conditioning, pressurised and category 4 certified (VISTA PRO model). FULL LED working lights on four sides, optional on VISTA and standard on VISTA PRO. Optional: active carbon filters for category 4
<b>DASHBOARD</b>	Instrument panel with analogue gauges and TFT digital colour display. Warning lights and horn
<b>ELECTRIC SYSTEM</b>	Battery 80 Ah / 12 V - Alternator 95 A
Standard equipment	Vehicle Control Unit, FULL LED street light and indicator system, front LED working lights, rear 7-pin for trailer and 3-pin sockets
<b>TYRES</b>	250/80-18 * 280/70R18 * 280/70R18 Garden * 320/65R18 * 340/65R18 * 260/70R20 * 31x15.50-15 XTC * 33x15.50-15 XTC * 280/70R20 * 280/70R20 PneuTrac
<b>TOW HOOKS</b>	Standard: front and rear CUNA cat. C adjustable in height - Optional: rear tow hook EC approved or EC with Slider frame or CUNA with Slider frame or EC tow bar with Slider frame
<b>RUNNING ORDER WEIGHT</b>	With roll-bar: 1770 kg - With cabin: 1900 kg
<b>ADDITIONAL OPTIONS</b>	Front bumper, beacon lamp, rear adjustable working light, Self Cleaning System™, front weights 110 kg, wheel weights 45 kg each (for 18" wheels) and 50 kg each (for 20" wheels). Silver and bordeaux 'Special Edition' livery