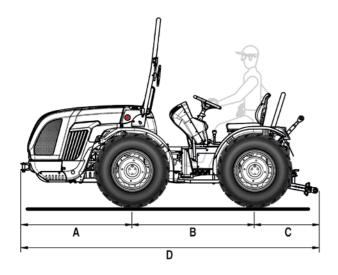
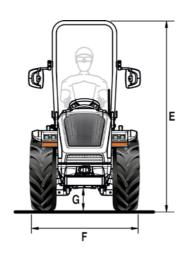
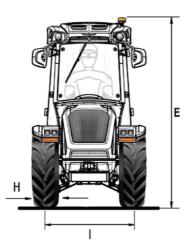


MIZAR 70 AR







A	В	С	D	E min/max (con arco)	E min/max (con cabina)	F min/max	G min/max
1314	1480	735	3529	2215 / 2300	2145 / 2230	1121 / 1525	214 / 299

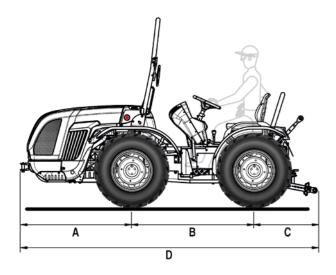
^{*} Dimensions in mm

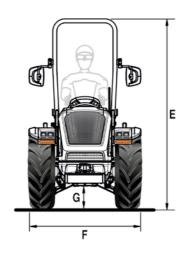
	250/80-18	280/70 R18	280/70 R18 Galaxy Garden	320/65 R18	260/70 R20	31x15.50-15 XTC	340/65 R18	280/70 R20	280/70 R20 PneuTrac
	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim
н	240	282	282	319	258	368	343	282	286
ı	881 / 1107	931 / 1119	931 / 1119	967 / 1119	902 / 1120	1003	1021 / 1119	961 / 1243	941 / 1205
F	1121 / 1347	1206 / 1394	1206 / 1394	1286 / 1438	1160 / 1378	1371	1364 / 1462	1243 / 1525	1227 / 1491

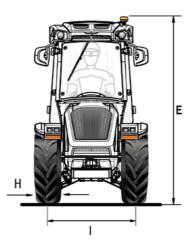
TECHNICAL FEATURES	MIZAR 70 AR
ENGINE	Kohler KDI 2504 TCR
No. of cylinders	4 in-line / 16 valves
Displacement (cc)	2482
Intake	Turbo / Intercooler
Fuel system	"Common rail" direct injection - 2000 bar
Emission compliance	Stage V
Power (kW/hp)	46/63
Rated speed (rpm)	2600
Max torque (Nm/rpm)	205 / 1500
Engine speed management	Electronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed
Cooling	Liquid
Tank capacity (I)	54
CHASSIS	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 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.
DIFFERENTIAL	Front and rear with simultaneous locking and electro-hydraulic control
AXLES	Front and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels
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)	540/540E
HYDRAULIC SYSTEM	Dual circuit with independent pumps and heat exchanger
Flow rate to the hydroguide and the electro-hydraulic controls (I/min)	13
Flow rate to the lift and the control valves (I/min)	37 (optional circuit with increased flow rate 48 l/min)
Maximum hydraulic pressure (bar)	180
REAR CONTROL VALVES	Mechanically controlled
Standard	1 double-acting with float + free flow oil return (total 3 hydraulic outlets)
Optional and in addition to the standard ones	For lift by rams: up to 2 double-acting, including one at 4-position with float and delivery and return lockable position (total 7 hydraulic outlets). For lift with draft and position control: 1 double-acting or 1 double-acting at 4-position with float and delivery and return lockable position (total 5 hydraulic outlets)
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 oversized pump (total 10 hydraulic outlets). Potentiometer for adjusting joystick sensibility. Remote control for PTO engagement. Storage armrest.
REAR LIFT	By two external rams. Standard: raising/lowering - Optional: position and draft control
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
ELECTRIC SYSTEM	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 and 3-pin sockets
DRIVING POSITION	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: 'Kab Seating', 'Grammer' or 'Cobo' pneumatic seat
SERVICE BRAKES	Oil bath discs with hydrostatic control, acting on the rear wheels
Parking brake	With handle acting on service brakes
STEERING	Hydrostatic steering acting on the central joint. Flow deviator for steering unit
SAFETY	Standard: front homologated roll-bar with gas spring for easy lowering and lifting
CABIN (optional)	Homologated and soundproofed with monocoque body and with a 4-upright conical structure suspended on silent block. LED beacon lamp and fabric seat. Available with ventilation and heating system (VISTA model) or with air-conditioning, pressurised and homologated cat. 4 (VISTA PRO model). FULL LED working lights on 4 sides, optional on VISTA and standard on VISTA PRO. Optional: active carbon filters
DASHBOARD	With TFT colour display showing: hours of operation, engine rpm, forwarding speed, PTO rpm, particulate filter clogging level, instantaneous fuel consumption, battery voltage and current time. Analogue instrumentation complete with engine rpm, engine coolant temperature and fuel level indicator. Warning lights and acoustic alarm
TYRES	250/80-18 * 280/70R18 * 280/70R18 Galaxy Garden * 320/65R18 * 340/65R18 * 260/70R20 * 31x15.50-15 XTC * 280/70R20 * 280/70R20 PneuTrac
TOW HOOKS (standard)	Front - Rear CUNA cat. B 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
RUNNING ORDER WEIGHT	With roll-bar (kg): 1770 - With cab (kg): 1900
ADDITIONAL OPTIONS	Front bumper, beacon lamp, rear adjustable working light, Self Cleaning System TM , front weights 110 kg, wheel weights 45 kg each (for 18" wheels) and
	50 kg each (for 20" wheels)

 $^{^{\}star}$ Dimensions in mm - min / max H = Tyre width - I = Wheel track - F = Tractor width

MIZAR 70 RS







Α	В	С	D	E min/max (con arco)	E min/max (con cabina)	F min/max	G min/max
1314	1480	735	3529	2215 / 2300	2145 / 2230	1150 / 1764	214 / 299

^{*} Dimensions in mm

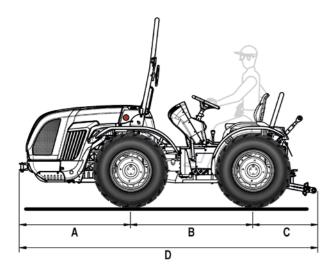
	7.00-18	250/80-18	280/70 R18	280/70 R18 Galaxy Garden	320/65 R18	340/65 R18	260/70 R20	31x15.50-15 XTC
	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with fixed rim
н	178	240	282	282	319	343	258	368
1	972	996 / 1312	1058 / 1317	1058 / 1317	1074 / 1324	1082 / 1324	1051 / 1325	1208
F	1150	1236 / 1552	1340 / 1599	1340 / 1599	1393 / 1643	1425 / 1667	1309 / 1583	1576

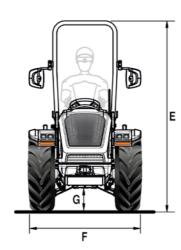
	31x15.50-15 STG	33x15.50-15 XTC	280/70 R20	280/70 R20 PneuTrac	250/85 R20 (9.50-20)	300/70 R20	300/70 R20 Galaxy Garden	280/70 R18
	with fixed rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with fixed rim
н	394	391	282	286	250	286	286	265
1	1208	1208	1100 / 1448	1062 / 1410	1100 / 1448	1098 / 1478	1098 / 1478	1005
F	1602	1599	1382 / 1730	1348 / 1696	1244 / 1698	1384 / 1764	1384 / 1764	1270

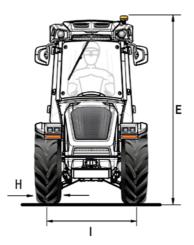
ECHNICAL FEATURES	MIZAR 70 RS
NGINE	Kohler KDI 2504 TCR
lo. of cylinders	4 in-line / 16 valves
Displacement (cc)	2482
ntake	Turbo / Intercooler
uel system	"Common rail" direct injection - 2000 bar
mission compliance	Stage V
ower (kW/hp)	46 / 63
Rated speed (rpm)	2600
fax torque (Nm/rpm)	205 / 1500
,	
ngine speed management	Electronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed.
cooling	Liquid
ank capacity (I)	54 Cuitarian interval absorb (dE0) CC FDANE with atsorbe wheels
HASSIS	Swinging integral chassis (±15°) OS-FRAME with steering wheels
PRIVE	Permanent four-wheel drive
RANSMISSION	24-speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser
fin/max travel speed (km/h)	0.7/35
ransmission 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.
IFFERENTIAL	Front and rear with simultaneous locking and electro-hydraulic control
XLES	Front and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels
EAR PTO	Independent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO
TO clutch	Multidisc in oil bath with electro-hydraulic control
TO rotation speed (rpm)	540/540E
YDRAULIC SYSTEM	Dual circuit with independent pumps and heat exchanger
ow rate to the hydroguide and the ectro-hydraulic controls (l/min)	13
ow rate to the lift and the control alves (I/min)	37 (optional circuit with increased flow rate 48 l/min)
laximum hydraulic pressure (bar)	180
EAR CONTROL VALVES	Mechanically controlled
tandard	1 double-acting with float + free flow oil return (total 3 hydraulic outlets)
optional and in addition to the tandard ones	For lift by rams: up to 4 double-acting, including one at 4-position with float and delivery and return lockable position (total 11 hydraulic outlet For lift with draft and position control: up to 2 double-acting, including one at 4-position with float and delivery and return lockable position (total 7 hydraulic outlets)
oystick (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 oversized pump (total 10 hydraulic outlets). Potentiometer for adjusting joystick sensibility. Remote control for PTO engagement. Storage armrest.
EAR LIFT	By two external rams. Standard: raising/lowering - Optional: position and draft control
hree-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
hird 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
all joint lifting capacity (kg)	1900
LECTRIC SYSTEM	Battery 80 Ah / 12 V - Alternator 95 A
tandard equipment	Vehicle Control Unit, FULL LED street light and indicator system, front LED working lights, rear 7-pin and 3-pin sockets
RIVING POSITION	Reversible with rotating platform suspended on silent blocks. Suspended pedals mounted on the rotating control tower
teering wheel	Height adjustable
eat	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: 'Kab Seating', 'Grammer' or 'Cobo' pneumatic seat
ERVICE BRAKES	Oil bath discs with hydrostatic control, acting on the rear wheels. Independent manoeuvring brakes acting on the rear wheels
arking brake	With handle acting on service brakes
TEERING	Hydrostatic steering acting on the front wheels. Flow deviator for steering unit
AFETY	Standard: front homologated roll-bar with gas spring for easy lowering and lifting
ABIN (optional)	Homologated and soundproofed with monocoque body and with a 4-upright conical structure suspended on silent block. LED beacon lamp and fabric seat. Available with ventilation and heating system (VISTA model) or with air-conditioning, pressurised and homologated cat. 4 (VISTA PRO model). FULL LED working lights on 4 sides, optional on VISTA and standard on VISTA PRO. Optional: active carbon filters
ASHBOARD	With TFT colour display showing: hours of operation, engine rpm, forwarding speed, PTO rpm, particulate filter clogging level, instantaneous fuel consumption, battery voltage and current time. Analogue instrumentation complete with engine rpm, engine coolant temperature and fuel level indicator. Warning lights and acoustic alarm
YRES	7.00-18 * 250/80-18 * 280/70R18 * 280/70R18 Galaxy Garden * 320/65R18 * 340/65R18 * 260/70R20 * 31x15.50-15 XTC o STG * 33x15.50-1 XTC * 300/70R20 * 300/70R20 Galaxy Garden * 250/85R20 * 280/70R20 * 280/70R20 PneuTrac
OW HOOKS (standard)	Front - Rear CUNA cat. B adjustable in height
ptional	Rear tow hook: EC approved or EC with Slider frame or CUNA with Slider frame or EC tow bar with Slider frame
	With all by the A 2000 With a shift of 4000
RUNNING ORDER WEIGHT	With roll-bar (kg): 1830 - With cab (kg): 1960

 $^{^{\}star}$ Dimensions in mm - min / max H = Tyre width - I = Wheel track - F = Tractor width

MIZAR 70 DUALSTEER®







A	В	С	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	1150 / 1764	214 / 299

^{*} Dimensions in mm

	7.00-18	280/70 R18	280/70 R18 Galaxy Garden	280/70 R20	250/80-18	280/70 R18	280/70 R18 Galaxy Garden	320/65 R18	340/65 R18
	with fixed rim	with fixed rim	with fixed rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim
н	178	265	265	270	240	282	282	319	343
ı	972	1005	1005	1026	996 / 1312	1058 / 1317	1058 / 1317	1074 / 1324	1082 / 1324
F	1150	1270	1270	1296	1236 / 1552	1340 / 1599	1340 / 1599	1393 / 1643	1425 / 1667

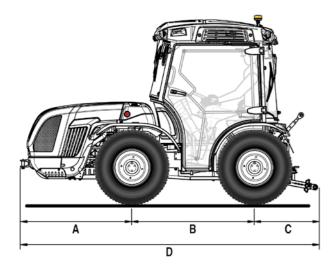
	260/70 R20	31x15.50-15 XTC	31x15.50-15 STG	33x15.50-15 XTC	280/70 R20	280/70 R20 PneuTrac	250/85 R20 (9.50-20)	300/70 R20	300/70 R20 Galaxy Garden
	with adjustable rim	with fixed rim	with fixed rim	with fixed rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim	with adjustable rim
н	258	368	394	391	282	286	250	286	286
I	1051 / 1325	1208	1208	1208	1100 / 1448	1030 / 1410	1100 / 1448	1098 / 1478	1098 / 1478
F	1309 / 1583	1576	1602	1599	1382 / 1730	1316 / 1696	1244 / 1698	1384 / 1764	1384 / 1764

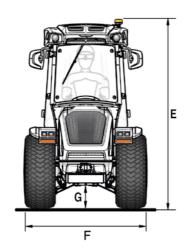
elier KDI 2504 TCR -line / 16 valves 2 bo / Intercooler Immon rail* direct injection - 2000 bar ge V /63 bo / 1500 bo / 1500
-line / 16 valves 2 200 / Intercooler xmmon rail" direct injection - 2000 bar ge V 7 63 80 80 80 80 80 80 80 80 80 80 80 80 80
po / Intercooler Immon rail" direct injection - 2000 bar ge V / 63 10 5 / 1500 Stronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed and integral chassis (±15°) OS-FRAME with central articulation and steering wheels Immanent four-wheel drive Immanent four-wheels
mmon rail" direct injection - 2000 bar ge V / 63 // 63 // 1500 for 1500 for increase and decrease engine speed, memorize and recall the set speed and proportional programment four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control and rear with planetary reduction units - Optional: oversized planetary reduction units for 20' wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control //540E
ge V / 63 // 1500 for / 150
ge V / 63 // 1500 ctronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed ctronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed ctronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed spin speed speed speed speed spin spin spin spin spin spin spin spin
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tronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed chid inging integral chassis (±15°) OS-FRAME with central articulation and steering wheels manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. O-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control 1/540E
tronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed chid inging integral chassis (±15°) OS-FRAME with central articulation and steering wheels manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. O-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control 1/540E
inging integral chassis (±15°) OS-FRAME with central articulation and steering wheels manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser // 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control //540E
inging integral chassis (±15°) OS-FRAME with central articulation and steering wheels manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser // 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control //540E
Inging integral chassis (±15°) OS-FRAME with central articulation and steering wheels manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. ver Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus TM assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control
manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus TM assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. nt and rear with simultaneous locking and electro-hydraulic control nt and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control
manent four-wheel drive speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus TM assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. nt and rear with simultaneous locking and electro-hydraulic control nt and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control
speed synchronised gearbox: 12 FWD and 12 REV with synchronised reverser / 35 tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control
tidisc in oil bath with electronically-managed and proportional hydraulic control. ver Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO titidisc in oil bath with electro-hydraulic control
tidisc in oil bath with electronically-managed and proportional hydraulic control. wer Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus™ assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels expendent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO Itidisc in oil bath with electro-hydraulic control
ver Clutch System button for engaging gears and reverser without using the clutch pedal. D-ACT System clutch pedal with Easy Plus TM assisted engagement. art Brake & Go function for automatic clutch management only with the brake pedal. Int and rear with simultaneous locking and electro-hydraulic control Int and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels Rependent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO Itidisc in oil bath with electro-hydraulic control W540E
nt and rear with planetary reduction units - Optional: oversized planetary reduction units for 20" wheels ependent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control 1/540E
ependent from the gearbox and synchronised with forwarding speed. Negative safety hydraulic brake to stop the PTO tidisc in oil bath with electro-hydraulic control //540E
tidisc in oil bath with electro-hydraulic control 0/540E
/540E
/540E
al circuit with independent pumps and heat exchanger
optional circuit with increased flow rate 48 l/min)
chanically controlled
ouble-acting with float + free flow oil return (total 3 hydraulic outlets)
lift by rams: up to 4 double-acting, including one at 4-position with float and delivery and return lockable position (total 11 hydraulic outlets) lift with draft and position control: up to 2 double-acting, including one at 4-position with float and delivery and return lockable position al 7 hydraulic outlets)
portional electronic control of rear lift and control valves consisting of: 1 continuous flow with adjustable flow rate and free flow oil return, ouble-acting (replacing the standard ones) and oversized pump (total 10 hydraulic outlets). Potentiometer for adjusting joystick sensibility. note control for PTO engagement. Storage armrest.
wo external rams. Standard: raising/lowering - Optional: position and draft control
ndard: Normal couplings cat. 1 Optional: Quick-couplings cat. 1 (arms not adjustable in length) or Quick-couplings cat. 1 and 2, naped, arms adjustable in length and hooks adjustable in width
ndard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm (only for lift with L-shaped arms cat. 1 and 2)
0
tery 80 Ah / 12 V - Alternator 95 A
icle Control Unit, FULL LED street light and indicator system, front LED working lights, rear 7-pin and 3-pin sockets
versible with rotating platform suspended on silent blocks. Suspended pedals mounted on the rotating control tower
ght adjustable
n gas spring for easy tipping, safety belt and man-on-board sensor Standard: comfort seat with adjustable spring tension according to the reator's weight - Optional: 'Kab Seating', 'Grammer' or 'Cobo' pneumatic seat
bath discs with hydrostatic control, acting on the rear wheels. Independent manoeuvring brakes acting on the rear wheels
h handle acting on service brakes
alsteer® 4-cylinder steering system. Hydrostatic steering acting on front wheels and central joint. Flow deviator for steering unit
ndard: front homologated roll-bar with gas spring for easy lowering and lifting
mologated and soundproofed with monocoque body and with a 4-upright conical structure suspended on silent block. LED beacon lamp I fabric seat. Available with ventilation and heating system (VISTA model) or with air-conditioning, pressurised and homologated cat. 4 BTA PRO model). FULL LED working lights on 4 sides, optional on VISTA and standard on VISTA PRO. Optional: active carbon filters
h TFT colour display showing: hours of operation, engine rpm, forwarding speed, PTO rpm, particulate filter clogging level, instantaneous consumption, battery voltage and current time. Analogue instrumentation complete with engine rpm, engine coolant temperature and fuel el indicator. Warning lights and acoustic alarm
0-18 * 250/80-18 * 280/70R18 * 280/70R18 Galaxy Garden * 320/65R18 * 340/65R18 * 260/70R20 * 31x15.50-15 XTC or STG * 33x15.50- XTC * 300/70R20 * 300/70R20 Galaxy Garden * 250/85R20 * 280/70R20 * 280/70R20 PneuTrac
nt - Rear CUNA cat. B adjustable in height
ar tow hook: EC approved or EC with Slider frame or CUNA with Slider frame or EC tow bar with Slider frame
h roll-bar (kg): 1830 - With cab (kg): 1960
111011-bar (kg): 1030 - With Cab (kg): 1900
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 $^{^{\}star}$ Dimensions in mm - min / max H = Tyre width - I = Wheel track - F = Tractor width



MIZAR 70 MT







Α	В	С	D	E min/max	F min/max	G min/max
1314	1480	735	3529	2145 / 2195	1684 / 1710	207 / 266

^{*} Dimensions in mm

	31x15.50-15 XTC	31x15.50-15 STG	33x15.50-15 XTC
	with fixed rim	with fixed rim	with fixed rim
н	368	394	391
1	1316	1316	1316
F	1684	1710	1707

TECHNICAL FEATURES	MIZAR 70 MT		
ENGINE	Kohler KDI 2504 TCR		
No. of cylinders	4 in-line / 16 valves		
Displacement (cc)	2482		
Intake	Turbo / Intercooler		
Fuel system	"Common rail" direct injection - 2000 bar		
Emission compliance	Stage V		
Power (kW/hp)	46 / 63		
Rated speed (rpm)	2600		
Max torque (Nm/rpm)	205 / 1500		
Engine speed management	Electronically regulated with hand throttle knob and buttons with functions for: increase and decrease engine speed, memorize and recall the set speed		
Cooling	Liquid		
Self Cleaning System™	Automatic radiator and engine intake grille cleaning system to prevent overheating		
Tank capacity (I)	54		
CHASSIS	Swinging integral chassis (±15°) OS-FRAME with steering wheels		
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 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.		
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)	540/540E		
HYDRAULIC SYSTEM	Dual circuit with independent pumps and heat exchanger		
Flow rate to the hydroguide and the electro-hydraulic controls (I/min)	13		
Flow rate to the lift and the control valves (I/min)	37 (optional circuit with increased flow rate 48 l/min)		
Maximum hydraulic pressure (bar)	180		
REAR CONTROL VALVES	Mechanically controlled		
Standard	1 double-acting with float + free flow oil return (total 3 hydraulic outlets)		
Optional and in addition to the standard ones	Up to 2 double-acting, including one at 4-position with float and delivery and return lockable position (total 7 hydraulic outlets)		
REAR LIFT	Four external rams with Dual Floating System® hydraulic suspension		
Three-point implement hitch	Standard: Quick-couplings cat. 1 and 2, L-shaped, arms adjustable in length and hooks adjustable in width - Optional: Quick-couplings cat. 1 (arms not adjustable in length) or Normal couplings cat. 1		
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		
ELECTRIC SYSTEM	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 and 3-pin sockets		
DRIVING POSITION	Reversible with rotating platform suspended on silent blocks. Suspended pedals mounted on the rotating control tower		
Steering wheel	Height adjustable With gas spring for easy tipping, safety belt and man-on-board sensor Standard: comfort seat with adjustable spring tension according to the		
Seat	operator's weight - Optional: 'Kab Seating', 'Grammer' or 'Cobo' pneumatic seat		
SERVICE BRAKES	Oil bath discs with hydrostatic control, acting on the rear wheels. Independent manoeuvring brakes acting on the rear wheels		
Parking brake	With handle acting on service brakes		
STEERING	Hydrostatic steering acting on the front wheels. Flow deviator for steering unit		
SAFETY	Standard: VISTA model cab. Homologated and soundproofed with monocoque body and with a 4-upright conical structure suspended on silent block. Ventilation and heating system, LED beacon lamp and fabric seat. Optional: FULL LED working lights on 4 sides		
CABIN (optional)	VISTA PRO model with air-conditioning, pressurised and homologated cat. 4. FULL LED working lights on 4 sides. Optional: active carbon filters		
DASHBOARD	With TFT colour display showing: hours of operation, engine rpm, forwarding speed, PTO rpm, particulate filter clogging level, instantaneous fuel consumption, battery voltage and current time. Analogue instrumentation complete with engine rpm, engine coolant temperature and fuel level indicator. Warning lights and acoustic alarm		
TYRES	31x15.50-15 XTC or STG * 33x15.50-15 XTC		
TOW HOOKS (standard)	Front - Rear CUNA cat. B 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		
RUNNING ORDER WEIGHT	With cab (kg): 1960		
ADDITIONAL OPTIONS	Front bumper, front weights kg 110		

 $^{^{\}star}$ Dimensions in mm H = Tyre width - I = Wheel track - F = Tractor width