



ORION V8.95 MT



language



MUCH MANY ADVANTAGES WITH ORION V8.95 MT



JOYSTICK WITH ELECTRONIC CONTROL

to control both the hydraulic system
and the rear lift.

HYDRAULIC SYSTEM

with double circuit and
independent pumps.

ACCUMULATOR FOR WEIGHT COMPENSATION HDR AND DUAL FLOATING SYSTEM

to optimize the load on the ground of
the equipment applied to the third point,
promoting its 'floating'.

6 POST ROPS AND HOMOLOGATED CABINS

make for a practical and
comfortable driving experience.

OS-FRAME TRANSMISSION

in order to optimize mechanical
efficiency and stability even on rough
terrain.

SELF CLEANING SYSTEM

for automatic cleaning of
radiator and air suction.

'LONG LIFE' CLUTCH

multidisc in oil bath with
proportional hydraulic control.

VM ENGINE

4-cylinder developing 91 HP.



TECHNICAL DATA

ORION V8.95 MT



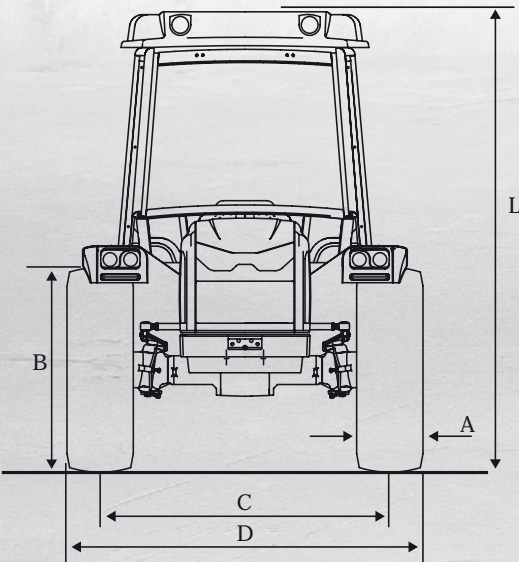
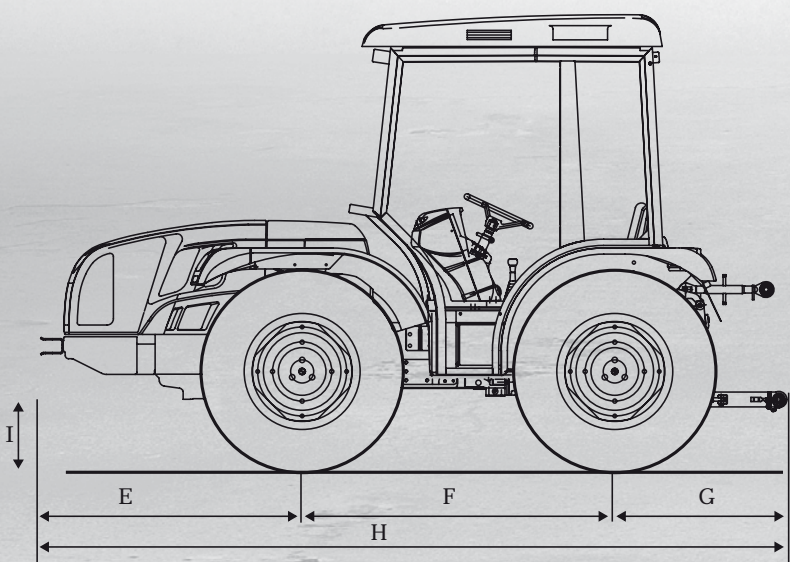
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|---------------------------------|--------------------|--------------------|--------------------|------------------------|-------------------------|
| | | | | | |
| | 31x15.50-15 XTC | 31x15.50-15 STG | 425/55-17 AC70G | 340/65R20 | 440/50-17 ALL-GROUND |
| | WITH FIXED RIM | WITH FIXED RIM | WITH FIXED RIM | WITH ADJUSTABLE RIM | WITH FIXED RIM |
| A Tyre width mm. | 390 | 390 | 430 | 343 | 431 |
| B Tyre height mm. | 790 | 790 | 884 | 958 | 873 |
| C Wheel track min/max mm. | 1510 | 1510 | 1471 | 1354/1618 | 1471 |
| D Width min/max mm. | 1900 | 1900 | 1901 | 1697/1961 | 1902 |

TRACTOR DIMENSIONS ORION V8.95 MT (mm):

| | | | | | | |
|-------------------|------|------|-----|------|--------------|----------|
| | E | F | G | H | I min/max | L max |
| ORION V8.95 MT | 1260 | 1495 | 850 | 3605 | 248/328 | 2170 |

STEERING RADIUS ORION V8.95 MT WITH THE FORESEEN WHEELS:

| | | | | | |
|--------------|--------------------|--------------------|--------------------|-----------|-------------------------|
| Tyre type | 31x15.50-15 XTC | 31x15.50-15 STG | 425/55-17 AC70G | 340/65R20 | 440/50-17 ALL-GROUND |
| mm | 3340 | 3340 | 3350 | 3280 | 3350 |



| | |
|---|--|
| | ORION V8.95 MT |
| CHASSIS | Swinging integral chassis OS-FRAME with steering wheels |
| ENGINE | VM Motori |
| Model | D754 IE3 |
| Number of cylinders | 4 |
| Displacement cm3 | 2970 |
| Suction | Turbo intercooler |
| Emission level | Tier 3 |
| Power KW/HP | 67 / 91 |
| Nominal speed (rpm) | 2300 |
| Maximum tractor torque (Nm/rpm) | 420 / 1000 |
| Cooling | Water |
| Tank capacity (lt.) | 54 |
| Air filter | Cyclone prefilter with external air intake |
| SELF CLEANING SYSTEM for automatic cleaning of radiator and air suction | Standard |
| TRANSMISSION | Synchronized gearbox: 32 speeds (16 FWD and 16 REV) with synchronized reverser |
| Main clutch | With multiple discs in oil bath with hydraulic control and PRO ACT SYSTEM |
| DIFFERENTIAL | Front and rear. Differential lock: simultaneous front and rear or only rear with electro-hydraulic control |
| AXLES | Front and rear with epicyclic reduction gear |
| DRIVE | Four-wheel drive. Front-wheel drive disengagement with electro-hydraulic control |
| REAR POWER TAKE-OFF | Independent from gear and synchronized with forward speed. Engageble under load with brake in disengaged position |
| PTO clutch | With multiple discs in oil bath |
| Engagement control | Electro-hydraulic |
| Independent PTO rotation speed (rpm) | Standard: 540/1,000 - Optional: 540/750 |
| HYDRAULIC SYSTEM | Double circuit with independent pumps and heat exchanger |
| Flow rate to the lift and the distributors (lt/min.) | 28.5 |
| Flow rate to hydraulic pump which controls the hydroguide and electro-hydraulic control (lt/min.) | 28.5 |
| Maximum hydraulic pressure (bar) | 180 |
| DISTRIBUTORS | Mechanical control to max 7 hydraulic couplers |
| Rear (standard) | 1 single acting and 2 double acting |
| Rear (in addition) | 1 single acting or 1 double acting or 1 double acting with float |
| Joystick (optional) | Electronic control of hydraulic couplers composed of: 1 single acting and 3 double-acting |
| ACCUMULATOR FOR WEIGHT COMPENSATION HDR | Standard |
| DUAL FLOATING SYSTEM to optimize the load on the ground of the equipment applied to the 3rd point, promoting its 'floating' | Standard |
| ELECTRIC SYSTEM | Battery: 100 Ah - Alternator: 70 A |
| REAR LIFT | By four external rams |
| Three-point hitches | Quick couplings cat. 1 and 2 with arms adjustable in length and hooks adjustable in width |
| Three-point tie bar | Standard: with manual adjustment - Optional: hydraulically controlled upper link and tie rod link arm |
| Lifting capacity at the end of the arms kg | 2300 |
| FRONT LIFT (optional) | By two external rams with front guard and 2 double acting control valves |
| Three-point hitches | Rigid with quick couplings cat. 1 |
| Lifting capacity kg | 800 |
| DRIVING UNIT | Wider version with suspended platform on "Silent-block" |
| Driving platform | Reversible with rotating platform, suspended brake and clutch pedals mounted on revolving control column |
| Steering wheel | Adjustable in height |
| Gas spring SEATS with easy adjustment and seat belt | Standard: comfortable sprung and adjustable seat - Optional: pneumatic seat |
| SERVICE BRAKES | Oil immersed, multidisc brakes, acting on the wheels with hydrostatic control |
| Parking brake | Automatic and independent BRAKE-OFF |
| STEERING | With hydrostatic steering by two rams, acting on the front wheels. Flow deviator for steering unit |
| SAFETY | |
| Semi-cabin (standard) | By several posts with roof, front and rear windscreen and windscreen wipers, telescopic rear view mirrors and headlights |
| Cabin (optional) | Sound-proof, mounted on 'Silent-block', safety cell integrated in the structure. Optional: air conditioning |
| CONSOLE | Digital type with reading of rpm, forward speed and rotation speed of power takeoff, water thermometer, warning light for oil pressure and acoustic alarm |
| TYRES (standard) | 31x15.50-15 XTC |
| OPTIONAL | 31x15.50-15 STG - 425/55-17 AC70G - 340/65R20 - 440/50-17 All-Ground |
| TOW HOOKS (standard) | Rear CUNA and front tow hook |
| Optional | Rear rotating towing hook EC approved, EC approved (Slider type) or rear towing hook CUNA approved (Slider type) |
| WEIGHT OPERATIONAL | |
| With semi-cabin (kg) | 2260 |
| With cabin (kg) | 2330 |
| ADDITIONAL OPTIONAL | Protection for muffler, oil filter protection, turbine air prefilter, front weight and weights for wheels, front bumper, activated carbon filter for cabin |

THE SERVICES



SPARE PARTS

A complete range of original spare parts, guaranteed directly by the manufacturer.



ASSISTANCE

A team of specialists, well prepared and available to assure an efficient and resolving service.



WARRANTY

A precise certainty for the customer's satisfaction:
2-year warranty included in the price.



LUBRICANTS

We recommends to use the original PowerLube lubricants.



MADE IN ITALY

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