

## TECHNICAL FEATURES

● standard | ○ on demand | – not available

DESCRIPTION	VALUE
<b>MODEL</b>	
Type	● Specialized tractor
<b>Structure</b>	● <b>Self supporting integral</b>
Version	● Low
<b>ENGINE</b>	
Trademark	● VM
Model	● R754 ISET4
Fuel supply	● Direct injection diesel
Rated power (ECE R120)	● 55 KW / 75 HP
Legislation on emission	● STAGE 3B
Number of cylinders	● 4
Aspiration	● Turbocharged
Nominal rate	● 2600 rev/min
Cooling	● On liquid
Swept volume	● 2970 cm <sup>3</sup>
Specific fuel consumption (maximum torque speed)	● 238 g/KWh
Max torque	● 310Nm@110rpm
Torque reserve	● 53%
Tank capacity	● 50 litres
Engine bonnet	● RTM
<b>TRANSMISSION</b>	
Type transmission	● Mechanical drive, four-wheel drive
<b>Type gearbox</b>	● <b>DUAL POWER 16 +8 / 8 +8 synchronized</b>
Gearbox control	● Mechanical with side levers
Clutch	● Dry single-disc, diameter 10"
Clutch control	● Mechanical system through pedal
Security	● PUSH & START device on the clutch pedal
Type reverser	● Mechanical, synchronized
Reverse control	● Lever
Rear differential lock	● Mechanic
Front axle	● Four wheel drive
Front wheel drive coupling control	● Electro-hydraulic
Front wheel drive clutch	● Bath oil multiplates
Front differential lock	● NO-SPIN (Automatic)
Front axle swing	● 11°
Minimum speed	● 0,9 Km/h
Maximum speed (homologated)	● 40 Km/h
<b>BRAKES</b>	
Rear braking	● Multiplates bath oil, mechanical control
<b>Front braking type</b>	● <b>Synchronized 4-wheel drive in braking</b>
Secondary and parking brake	● Acting on rear wheels, by independent mechanical control
Hydraulic trailer braking system	–
Trailer brake mechanical lever support	● CUNA type
<b>STEERING WHEEL</b>	
Steering wheel system	● Hydrostatic with Load Sensing valve
Steering angle	● 55°
<b>REAR PTO</b>	
Type	● Single shaft, synchronized and independent
Independent speed from the gearbox	● 540/750 rpm
More speeds independent from gearbox	–
Synchronized speed to the gearbox	● Yes

DESCRIPTION	VALUE
Rotation way (looking at the pto)	● Clockwise
Version	● 6 grooves 1-3/8"
Clutch	● Independent, mechanical with dry plate
Clutch control	● Mechanical with lever
Security	● PUSH & START device on clutch pedal and PTO
<b>FRONT PTO</b>	
Type	–
<b>REAR LIFTER</b>	
Type	● Hydraulic with positioning and power control
Lifting capacity at the rear arms	● 2300 Kg
3-points hitch	● Category 1 and 2
3rd point mechanical arm	● Category 1 and 2
Hydraulic 3rd point arm	–
Type of lower arms	● Fixes
Type of right tie rod	● Mechanic
<b>FRONT LIFTER</b>	
Type	–
<b>HYDRAULIC SYSTEM</b>	
Type	● Open center
Pump flow rate	● 43 litres/minute
First rear hydraulic scv	● Switching to single and double acting valve
Second rear hydraulic scv	○ Single acting with coupling in floating position; or double acting with coupling levers; or double acting with recovery; or double acting with 4th floating position
Third rear hydraulic scv	○ Single acting with coupling in floating position; or double acting with coupling levers; or double acting with recovery; or double acting with 4th floating position
Front hydraulic scv	–
Free oil discharge	● Quick 1/2 NPTF
<b>ELECTRICAL FITTINGS</b>	
Battery	● 12V 850A 95Ah
Security	● Battery disconnection
Instrument	● Digital / analogic
1 pin socket	● 12 Volt
7 pins socket	● 12 Volt
Rear working light	○ Adjustable
Rotating lamp	○ Orange
<b>OPERATING POSITION</b>	
Platform	● Semi-platform
Platform support	–
Front mudguard	○ Independent, swivelling, rubber made
Rear mudguard protection	● Rubber profile
Front mudguard protection	● Rubber profile
Roll-bar	● Central, all-tilting
Standard cab	–
Rear-view mirrors, LH and RH side	● Adjustable
Seat	● On spring suspension, with seat belt and OPS
Seat adjustment	● Horizontal, vertical, driver weight
Tool box	● Yes
Use and maintenance manual	● Yes



DESCRIPTION	VALUE
<b>TOWING DEVICES</b>	
Rear tow hook	○ C/CEE Category 7 heights adjustable
Front tow hook	● Fix
Draw bar	○ Swinging, cat. CEE-BT1
<b>WEIGHTS</b>	
Front	○ 100Kg 5 pcs 20 kg.each
By tyre filled with water	● With air / water valve
<b>WEIGHTS AND DIMENSIONS</b>	
Wheelbase	● 1831 mm
Length (front bumper / rear lifting arms)	● 3231 mm
Length with ballast	● 3344 mm
Width (min-max)	● 1364-1794 mm
Height with ROPS (min-max)	● 2007 - 2037 mm
Height on grille bonnet (min-max)	● 1106 - 1131 mm
Height at steering wheel (min-max)	● 1268 - 1333 mm
Height at seat (min-max)	● 1121-1149 mm
Height at rear mudguard (min-max)	● 1109-1143 mm
Ground clearance (min-max)	● 225 -250 mm
Distance between insides of tyres	● 654 - 1109 mm
Minimum turning radius (internal)	● 2,4 m
Weight with roll-bar	● 1940 Kg
Maximum laden mass	● 3050 Kg
Maximum towable mass (with mechanical braking system), with roll bar	● 5790 Kg
<b>WHEELS AND DIMENSIONS ROLL BAR VERSION</b>	
Set of wheels Rear 360/70R20 Front 11.0/65R12	○ Minimum width 1464 mm; Height 2108 mm; Ground clearance 242 mm
Set of wheels Rear 320/70R24 Front 240/70R16	○ Minimum width 1364 mm; Height 2075 mm; Ground clearance 243 mm
Set of wheels Rear 320/85R20 Front 11.0/65R12	● Minimum width 1364 mm; Height 2108 mm; Ground clearance 242 mm
Set of wheels Rear 41x14.00-20 Front 10.50-15 GARDEN	● Minimum width 1487 mm; Height 2030 mm; Ground clearance 217 mm