

## TECHNICAL FEATURES

● standard | ○ on demand | – not available

DESCRIPTION	VALUE
<b>MODEL</b>	
Type	● Specialized tractor
Structure	● Self supporting integral
Version	● Low
<b>ENGINE</b>	
Trademark	● VM
Model	● R754 IE417
Fuel supply	● Direct injection diesel
Rated power (ECE R120)	● 76 KW / 102 hp
Legislation on emission	● STAGE 3B
Number of cylinders	● 4
Aspiration	● Intercooler turbocharged
Nominal rate	● 2300rpm
Cooling	● On liquid
Swept volume	● 2970 cm3
Specific fuel consumption (maximum torque speed)	● 212 g/KWh
Max torque	● 380Nm@ 1100rpm
Torque reserve	● 21%
Tank capacity	● 70 liters
Engine bonnet	● SMC
<b>TRANSMISSION</b>	
Type transmission	● Mechanical drive, four-wheel drive
Type gearbox	● 24+12 synchronized
Gearbox control	● Mechanical with side levers
Clutch	● Dry monodisc, diameter 11"
Clutch control	● Mechanical system through pedal
Type reverser	● Mechanical, synchronized
Reverse control	● Lever
Rear differential lock	● Electro-hydraulic
Front axle	● 4-wheel drive engagement on the go
Front wheel drive coupling control	● Electro-hydraulic
Front wheel drive clutch	● Bath oil multiplates
Front differential lock	● NO-SPIN (Automatic)
Front axle swing	● 12°
Minimum speed	● 0,4 Km/h
Maximum speed (homologated)	● 40 Km/h
<b>BRAKES</b>	
Rear braking	● Multiplates oil-bath, hydraulic control
Front braking type	● Synchronized 4-wheel drive in braking
Secondary and parking brake	● Acting on rear wheels, by independent mechanical control
Hydraulic trailer braking system	○ Hydraulic control acting on main circuit
<b>STEERING WHEEL</b>	
Steering wheel system	● Hydrostatic with Load Sensing valve
Steering angle	● 57°
<b>REAR PTO</b>	
Type	● Single shaft, synchronized and independent
Independent speed from the gearbox	● 540/750 rpm
Synchronized speed to the gearbox	● Yes
Rotation way (looking at the pto)	● Clockwise
Version	● 6 grooves 1-3/8"
Clutch	● Independent, mechanical with dry plate
Clutch control	● Mechanical with lever

DESCRIPTION	VALUE
Security	● PUSH & START device on PTO selector
<b>FRONT PTO</b>	
Type	○ Independent single shaft
Independent speed from the gearbox	○ 1000 rpm
Rotation way (looking at the pto)	○ Anticlockwise
Version	○ 6 grooves 1-3/8"
Clutch	○ Electro-hydraulic
Clutch control	○ Electric
<b>REAR LIFTER</b>	
Type	● Hydraulic with positioning and power control
Lifting capacity at the rear arms	● 2500 Kg
Electronic Rear Lift	○
3-points hitch	● Category 1 and 2
3rd point mechanical arm	● Category 1 and 2
Hydraulic 3rd point arm	○ Category 1 and 2 / 1 and 2 with fast connection
Type of lower arms	● Telescopic with quick connection
Hydraulic right tie rod	●
<b>FRONT LIFTER</b>	
Type	○ Up and down
Lifting capacity at the rear arms	○ 1200 Kg
3-points hitch	○ Category 1
<b>HYDRAULIC SYSTEM</b>	
Type	● Open center
Pump flow rate	● Double pump, 38 + 61 liters per minute
Rear hydraulic scv	● N.3 in 1 single block
Optional rear hydraulic SCVs	○ 1 meccanico (con diverter) ○ 2 elettronici (solo con sollevatore elettronico)
Front hydraulic scv	– 3 electronic
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	● Integral platform
Platform support	● Variable deformation silicone Silent-Block
Front mudguard	● Body integrated
Rear mudguard protection	● Rubber profile
Front mudguard protection	● Rubber profile
Roll-bar	● Central, all-tilting
Standard cab	○ Goldoni Overview
Low profile cab	○ Goldoni LowProfile
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
<b>STANDARD CAB FITTING OUT</b>	
Side doors	● With bar, gas spring, key closing

DESCRIPTION	VALUE
Cab air filter dust-repellent	● Paper
Front glass	● Openable
Rear glass	● Openable
Front wiper	● 1 speed
Rear wiper	● 1 speed
Front windscreen washer	● 0,5 litres
Rear-view mirror right/left	● Adjustable and lockable
Window shade	● Height adjustable
Rotating lamp set up	● Switch in cab and external bayonet coupling
Heating and ventilation system	● Electro-ventilated
Air conditioning	● Fan-electric condenser on the cab roof
Front working light	● 2
Rear working light	● 2
Radio set up	● Radio and speakers housing
<b>LOW AND SUPER LOW PROFILE CAB TRIM</b>	
Side doors	● With bar, gas spring, key closing
Cab air filter dust-repellent	● Paper
Front glass	● Heat-absorbing fixed
Rear glass	● Openable
Front wiper	● 1 speed
Rotating lamp	○
Heating and ventilation system	● Electro-ventilated
Air conditioning	● Fan-electric condenser on the cab roof
Front working light	-
Rear working light	● 2
Radio set up	-
<b>TOWING DEVICES</b>	
Rear tow hook	○ Category CEE/CEE-X/CEE-Y adjustable
SLIDER Rear tow hook	○ Category CEE/CEE-X/CEE-Y adjustable, slider type
Front tow hook	● Fix
Draw bar	○ Swinging, category CEE/CEE-X
<b>WEIGHTS</b>	
Front	○ 204Kg 6 pieces 34Kg each
By tyre filled with water	● With air / water valve
<b>WEIGHTS AND DIMENSIONS</b>	
Wheelbase	● 1925 mm
Length with ballast	● 3681 - 3781 mm
Length without ballast	● 3421 - 3521 mm
Width (min-max)	● 1170 - 1878 mm
Height with ROPS (min-max)	● 2170 - 2245 mm
Height with Standard Cab (min-max)	● 2075 - 2150 mm
Height with Super Low Profile cab (min-max)	● 1804 - 1879 mm
Height on grille bonnet (min-max)	● 1134 - 1185 mm
Height at steering wheel (min-max)	● 1204 - 1330 mm
Height at seat (min-max)	● 852 - 1186 mm
Height at rear mudguard (min-max)	● 1075 - 1119 mm
Bonnet height	● 1250 - 1325 mm
Ground clearance (min-max)	● 172 - 247 mm
Distance between insides of tyres	● 716-1115 mm
Minimum turning radius (internal)	○ 2,83 m
Weight with roll-bar	● 2275 Kg
Weight with Standard cab	● 2425 Kg
Weight with super low profile cab	● 2540 Kg
<b>WHEELS AND DIMENSIONS ROLL BAR VERSION</b>	

DESCRIPTION	VALUE
Set of wheels Rear 340/65R20 Front 280/70R16	Min. width 1447mm; Height ● 2170mm; Ground clearance 172mm
Set of wheels Rear 360/70R20 Front 280/70R18	Min. width 1464mm; Height ● 2220mm; Ground clearance 222mm
Set of wheels Rear 420/65R20 Front 320/65R18	Min. width 1552mm; Height ● 2220mm; Ground clearance 222mm
<b>STANDARD CAB VERSION TYRES AND DIMENSION</b>	
Set of wheels Rear 340/65R20 Front 280/70R16	Min. width 1447mm; Height ● 2039mm; Ground clearance 172mm
Set of wheels Rear 360/70R20 Front 280/70R18	Min. width 1464mm; Height ● 2089mm; Ground clearance 222mm
Set of wheels Rear 420/65R20 Front 320/65R18	Min. width 1552mm; Height ● 2089mm; Ground clearance 222mm
<b>SUPER LOW PROFILE CAB VERSION TYRES AND DIMENSIONS</b>	
Set of wheels Rear 340/65R20 Front 280/70R16	Min. width 1447mm; Height ● 1804mm; Ground clearance 172mm
Set of wheels Rear 360/70R20 Front 280/70R18	Min. width 1464mm; Height ● 1854mm; Ground clearance 222mm
Set of wheels Rear 420/65R20 Front 320/65R18	Min. width 1552mm; Height ● 1854mm; Ground clearance 222mm