

TECHNICAL FEATURES

● standard | ○ on demand | – not available

DESCRIPTION	VALUE
MODEL	
Type	● Specialized tractor
Structure	● Self supporting integral
Version	● Low
ENGINE	
Trademark	● VM
Model	● D703 E3
Fuel supply	● Direct injection diesel
Rated power (ECE R120)	● 36 KW/49 hp
Legislation on emission	● STEP 3A
Number of cylinders	● 3
Aspiration	● Aspirated
Nominal rate	● 2300rpm
Cooling	● On liquid
Swept volume	● 2082 cm3
Specific fuel consumption (maximum torque speed)	● 242 g/KWh
Max torque	● 145Nm @ 1200 rpm
Torque reserve	● 8,8%
Tank capacity	● 50 litres
Engine bonnet	● RTM
TRANSMISSION	
Type transmission	● Mechanical drive, four-wheel drive
Type gearbox	● DUAL POWER 16 +8 / 8 +8 synchronized
Gearbox control	● Mechanical with side levers
Clutch	● Dry Single-disc, diameter 9"
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	–
Front differential lock	–
Front axle swing	● 11°
Minimum speed	● 0,9 Km/h
Maximum speed (homologated)	● 30 Km/h
BRAKES	
Rear braking	● Multiplates bath oil, mechanical 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	–
Trailer brake mechanical lever support	● CUNA type
STEERING WHEEL	
Steering wheel system	● Hydrostatic with Load Sensing valve
Steering angle	● 55°
REAR PTO	
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	● Mechanic
Security	● PUSH & START device on clutch pedal and PTO
FRONT PTO	
Type	–
REAR LIFTER	
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
FRONT LIFTER	
Type	–
HYDRAULIC SYSTEM	
Type	● Open center
Pump flow rate	● 39 litres per 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
ELECTRICAL FITTINGS	
Battery	● 12V 680A 74Ah
Security	● Battery disconnection
Instrument	● Analog
1 pin socket	● 12 Volt
7 pins socket	● 12 Volt
Rear working light	○ Adjustable
Rotating lamp	○ Orange
OPERATING POSITION	
Platform	● Semi-platform
Platform support	–
Front mudguard	○ Independent, swivelling, rubber made
Rear mudguard protection	● Rubber profile
Roll-bar	● Central, all-tilting
Standard cab	–
Left rearview mirror	● Adjustable
Seat	● On spring suspension, with seat belt
Seat adjustment	● Horizontal, vertical, driver weight
Tool box	● Yes
Use and maintenance manual	● Yes
TOWING DEVICES	

DESCRIPTION	VALUE
Rear tow hook	○ C/CEE Category 7 heights adjustable
Front tow hook	● Fix
Draw bar	○ Swinging CEE-BT1 Category (2 heights available)
WEIGHTS	
Front	○ 100Kg 5 pcs 20 kg.each
By tyre filled with water	● With air / water valve
WEIGHTS AND DIMENSIONS	
Wheelbase	● 1690 mm
Lenght (front bumper / rear lifting arms)	● 3231 mm
Width (min-max)	● 1364-1794 mm
Height with ROPS (min-max)	● 2040 mm
Height on grille bonnet (min-max)	● 1137 mm
Height at steering wheel (min-max)	● 1280 - 1328 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	● 724 - 1108 mm
Minimum turning radius (internal)	● 2,3 m
Weight with roll-bar	● 1930 Kg
Maximum laden mass	● 3050 Kg
Maximum towable mass (with mechanical braking system), with roll bar	● 5550 Kg
WHEELS AND DIMENSIONS ROLL BAR VERSION	
Set of wheels Rear 320/70R24 Front 240/70R16	Minimum width 1364 mm; ● Height 2021 mm; Ground clearance 257 mm