

TECHNICAL FEATURES

● standard | ○ on demand | – not available

DESCRIPTION	VALUE
MODEL	
Type	● Equal wheels tractor
Structure	● Self supporting integral
Version	● Steering wheels
ENGINE	
Trademark	● Lombardini
Model	● LDW 1603
Fuel supply	● Diesel
Rated power (ECE R120)	● 28 KW / 38 hp
Legislation on emission	● STEP 3A
Number of cylinders	● 3
Aspiration	● Aspirated
Nominal rate	● 2800 rpm
Cooling	● On liquid
Swept volume	● 1649 cm ³
Specific fuel consumption (maximum torque speed)	● 250 g/KWh
Max torque	● 113 Nm @ 1650 rpm
Torque reserve	● 8,9 %
Air filter	● Dry
Tank capacity	● 30 litres
Engine bonnet	● RTM
TRANSMISSION	
Type transmission	● Mechanical drive, four-wheel drive
Type gearbox	● 6+3 plug-in easy connection
Gearbox control	● Mechanical with front lever
Clutch	● Single dry plate clutch
Clutch control	● Mechanical system through pedal
Security	● PUSH & START device on clutch pedal and Interlock on gear lever
Type reverser	– Mechanical, synchronized
Rear differential lock	● Mechanic
Front wheel drive coupling control	● Mechanic
Front differential lock	● Mechanic
Front swinging	● 8° right + 8° left
Minimum speed	● 1,2 Km/h
Maximum speed (homologated)	● 30 Km/h
BRAKES	
Rear braking	● DRUM BRAKES, MECHANICALLY CONTROLLED
Front braking type	–
Secondary and parking brake	● Acting on rear wheels, by independent mechanical control
STEERING WHEEL	
Steering wheel system	● Hydrostatic
Steering angle	● 34°
REAR PTO	
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	● Mechanical with dry disc (same transmission plate clutch)
Clutch control	● Mechanical system through pedal
Security	● PUSH & START device on clutch pedal and PTO

DESCRIPTION	VALUE
REAR LIFTER	
Type	● Up-down, floating
Lifting capacity at the rear arms	● 1200 Kg
3-points hitch	● Category 1N
3rd point mechanical arm	● Category 1N
Type of lower arms	● Fixes
Type of right tie rod	● Mechanic
HYDRAULIC SYSTEM	
Type	● Open center
Pump flow rate	● 22 l/min
First rear hydraulic scv	○ Double acting
Rear hydraulic scv	–
Free oil discharge	–
ELECTRICAL FITTINGS	
Battery	● 12V 360A 44Ah
Security	● Battery disconnection
Instrument	● Digital / analogic
7 pins socket	● 12 Volt
Rotating lamp	○ Orange
OPERATING POSITION	
Platform	–
Front mudguard	● Body integrated
Rear mudguard protection	● Rubber profile
Front mudguard protection	● Rubber profile
Roll-bar	● Central, all-tilting
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	
Rear tow hook	● Category B / CEE
Front tow hook	● Fix
WEIGHTS	
By tyre filled with water	● With air / water valve
Wheel	● Weights for wheels kg.30X2 set of 2 (tot.60 kg.)
WEIGHTS AND DIMENSIONS	
Wheelbase	● 1155 mm
Lenght (front bumper / rear lifting arms)	● 3026 mm
Width (min-max)	● 1222 - 1396 mm
Height with ROPS (min-max)	● 2985 - 2073 mm
Height at steering wheel (min-max)	● 1149 mm
Height at seat (min-max)	● 645 - 849 mm
Connection angle	● 24°
Ground clearance (min-max)	● 290 mm
Distance between insides of tyres	● 798 - 972 mm
Weight with roll-bar	● 1350 Kg
Maximum laden mass	● 2100 Kg
Maximum towable weight (without braking), with roll bar	● 1280 Kg
Maximum towable mass (with mechanical braking system), with roll bar	● 3350 Kg
WHEELS AND DIMENSIONS ROLL BAR VERSION	
Set of wheels Rear 8.25x16 Front 8.25x16	Minimum width 1222 mm; ● Height 2026 mm; Ground clearance 290 mm