



- +** STURDY
- +** ARTICULATED
- +** MINIMUM WIDTH 80 CM
- +** THE WORLD'S SMALLEST EQUAL-WHEEL TRACTOR

Goldoni E20 is the ideal tractor for the demanding professional user or people who need a toughly-built yet compact machine that's also economical to run. Practical to use, E20 is an articulated tractor with isodiametric wheels that's both easy to handle and functional, while being small in size.

TECHNICAL FEATURES

● standard | ○ on demand | – not available

DESCRIPTION	VALUE
MODEL	
Type	● Equal wheels tractor
Structure	● Self supporting integral
Version	● Articulated (in the middle)
ENGINE	
Trademark	● Lombardini
Model	● 12LD477/2
Fuel supply	● Diesel
Rated power (ECE R120)	● 15 KW / 20,4 HP
Legislation on emission	● STEP 3A
Number of cylinders	● 2
Aspiration	● Aspirated
Nominal rate	● 3000 rpm
Cooling	● Air
Swept volume	● 954 cm ³
Specific fuel consumption (maximum torque speed)	● 237 g/KWh
Max torque	● 54Nm@2300 rpm
Torque reserve	● 6%
Air filter	● Oil bath
Tank capacity	● 15 litres
Engine bonnet	● Sheet metal
TRANSMISSION	
Type transmission	● Mechanical drive, four-wheel drive
Type gearbox	● 6+3 plug-in easy connection
Gearbox control	● Mechanical with front lever
Clutch	● Dry single plate clutch, diameter 7,3"
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	–
Front differential lock	● Mechanic
Front swinging	● 8° right + 8° left
Minimum speed	● 2,45 Km/h
Maximum speed (homologated)	● 19 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
Swinging front axle	● 30°
REAR PTO	
Type	● Single shaft, synchronized and independent
Power	● 12,7 KW / 17,2 CV
Independent speed from the gearbox	● 540/750 rpm
Synchronized speed to the gearbox	● 1 wheel revolution = 15,043 PTO revolution
Rotation way (looking at the pto)	● Clockwise (upper PTO) / Anticlockwise (lower PTO)
Version	● Ø 1-3/8"-6 splines (upper PTO shaft) / UNI 8953-6X26X30 (lower PTO shaft)

DESCRIPTION	VALUE
Clutch	● Mechanical with dry disc (same transmission plate clutch)
Clutch control	● Mechanic
Security	● Interlock on lever (synchronized/independent selection)
REAR LIFTER	
Type	● Lifts and lowers hydraulic
Lifting capacity at the rear arms	● 500 Kg
3-points hitch	● Category 1N
3rd point mechanical arm	● Category 1N
Type of lower arms	● Fixes
Right and left tie rods type	● Adjustable mechanical
HYDRAULIC SYSTEM	
Type	● Open center
Pump flow rate	● 11 litres per minute
Rear hydraulic scv	–
Free oil discharge	–
ELECTRICAL FITTINGS	
Battery	● 12V 360A 44Ah
Security	● Battery disconnection
Instrument	● Digital / analogic
7 pins socket	● 12 Volt
Rear working light	–
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
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	
Rear tow hook	● Category CEE/CEE-X/CEE-Y adjustable
Front tow hook	● Fix
WEIGHTS	
Front	–
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	● 1000 mm
Lenght (front bumper / rear lifting arms)	● 2500 mm
Width (min-max)	● 467 - 906 mm
Height with ROPS (min-max)	● 1719 - 1757 mm
Height at steering wheel (min-max)	● 1023 mm
Height at seat (min-max)	● 785 mm
Connection angle	● 24°
Ground clearance (min-max)	● 237 mm
Distance between insides of tyres	● 104 - 543 mm
Minimum turning radius (internal)	● 1,25 m
Front track (min-max)	● 314 - 682 mm
Rear track (min-max)	● 328 - 696 mm