



BAURAL

Straddle tractor tool carrier

HIGH-TECH MACHINES FOR AGRONOMIC
RESEARCH AND SEED PRODUCTION



Straddle tractors



Baural straddle tractor

A straddle tractor to meet your needs

Hydraulic steering

Minimized turning radius: 4.30 m outside

Front tyres: 6.00 R 16 (« 3 bands » steering drive)

Rear tyres: 7.50 R 20 (« V-shaped » driving system)

Authorize to drive on french roads

Frame

Mechanically welded tube structure

4 telescopic beams with adjustable height until 800 mm

Foldable protection top bar

4 fixing points at the back for equipment interchangeability

« Push-pull » coupling for a fast connection with the hydraulic system

Powerfull engine

KUBOTA diesel 4 cylinders 23 kW

(30 ch DIN) or 29 kW (38 ch DIN) (optional)

Liquid cooling system

Electrical start 12 Volts

Fuel tank of 65 liters or 100 liters in option

Transmission

Hydrostatic transmission (from 0 to 20 km/h)

Pump with variable volumetric size

POCLAIN wheel engine double volumetric size – two speeds with electric command

Hydraulic tank with cooler

Driving wheel engaged (optional)

Speed indicator (optional)





Spraying equipment

Tank and pump

Kuhn-Blanchard system

Tank capacity of 400 liters

Made of polyethylene shock-proof

Hydraulic blending system

Clear water tank

Spraying pump hydraulically operated with electric command

« Piston-membrane » pump 20L/min

Pressure regulator from 0 to 30 bars



Control and command board

Pressure regulation

Flow regulation

Various controls (number of hours...)



Standard foldable handrail – treatment of 12 m

Foldable handrail in 5 parts with safety

Width: 2.45 m

Non-drip nozzles support

Low position height of 0.50 m

High position height of 2.50 m



Special handrail – located treatment

9 nozzles to treat 8 corn rows

Foldable height in work position

Horizontal inclination to move easily on field





Rapeseed separator

Separation system for rapeseed branches to make easier the harvest

- 4 cones with adjustable spacing distance
- Adjustable rotating speed
- 12 adjustable bars
- 2 Adjustable legs to follow the ground
- Foldable top protection bar
- Driver's seat at the back overhanging the field and the separating system



Separating cones lifted to easily maneuver at the end of the field



View on cones from driver's seat



Features

Engine

Kubota diesel 4 cylinders 23.2 kW
(30.5 ch DIN)
Kubota diesel 4 cylinders 28.8 kW
(38.2 ch DIN) in option
Liquid for cooling down
Electrical start 12 Volts
Fuel tank 65 liters or 100 liters (option)

Hydrostatic transmission

Pump with variable volumetric size
2 POCLAIN wheel engine with two volumetric size (2 speeds with electric command)
Speed from 0 to 20 km/h
Hydraulic tank with cooler
Interlocking of drive wheels (option)
Speed indicator (option)

Hydrostatic steering

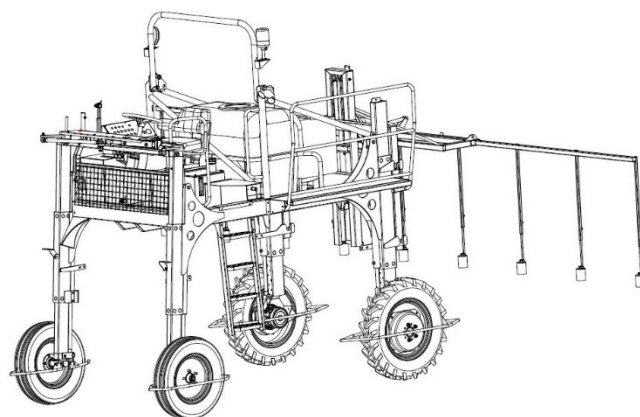
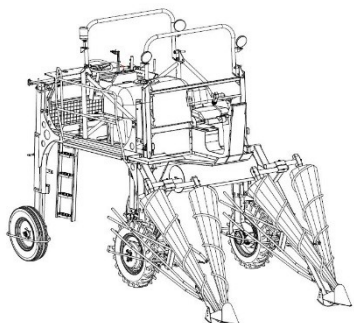
Orbitrol with valve et steering cylinder

Tyres

AR 7.50 R 20
AV 6.00 x 16

Spraying equipment

Frame lifting : hydraulic lifting with electric command/stroke of 0,80 m
Hydraulic spraying handrail lifting with electric command/stroke of 1,40 m
Standard spraying handrail : 12 meters
Located spraying handrail : 9 nozzles with electric inclination
Tank of 400 liters, Kuhn – Blanchard pump
Control board



Rapeseed separators

4 separating cones with adjustable speed
Inverted driver's seat
Adjustable separation width

Dimensions and weight

Width without equipment : 2,15 m
Width with equipment : 2,45 m
Length without equipment : 3,40 m
Height without protection top bar : 2,60 m
Height with protection top bar : 3,10 m
Height from ground : 1,25 m (low position) and 2,05 m (high position)
Wheelbase : 2,50 m
Weight without equipment :
* Total : 1 500 kg
* Front axle : 580 kg
* Rear axle : 920 kg
Track : 1,80 m (or 1,60 m : to define)

Electric equipment

Control board
Batterie and alternator (12 V)
Traffic lights (option)

Others

Operating manual and spare parts catalogue
Ratification to drive on roads in France



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