



**BAURAL**

# CORN PICKER CP2000

HIGH-TECH MACHINES FOR AGRONOMIC  
RESEARCH AND SEED PRODUCTION



Harvesters



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## Comfort and functionnality

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### A combine designed to meet your needs

Completely suited and developed by BAURAL  
Efficient and robust design  
Powerful engine and transmission  
Panoramic cabin  
Harvest two rows in one passage  
Harvest circuit and leaf removal per row  
Daily reduced maintenance  
Transport as normalized size  
Authorize to drive on French roads



### Powerful engine

#### KUBOTA Diesel engine:

- 4 cylinders
- Power of 33.0 kW - 40 ch DIN
- Couple: 120 Nm to 2000 r.p.m.

In accordance with applicable standards  
Positioning studied to optimized the gravity center  
for a better stability  
Total access for control and maintenance  
Reduced volume level

#### Fuel tank:

Capacity: 75 liters  
Positioning at the back of the combine  
Easy access for a fast filling  
Electric gauge for a control from the cabin





## Cabin and tyres

### Panoramic view

Spacious drivers cabin with close to hand disposition

360° visibility

Visibility on elevators and hoppers

Access on the left side

Ladder with foldable stairs

Heating and air conditioning

Filtered ventilation

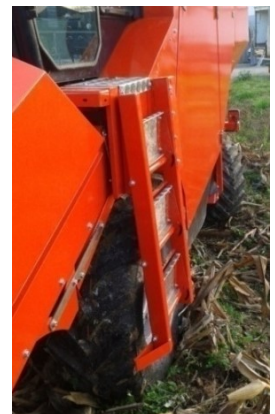
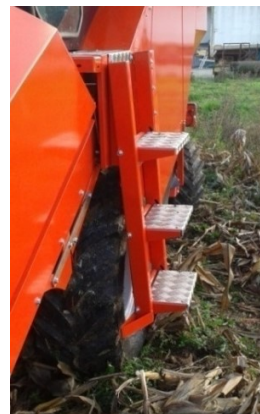
Tilting steering

Multi-function lever (forwarding command and header lifting)

Large size rear-view mirrors and large windscreen wiper

Front lights

Accessible circuit-breaker



### Axle and tyres

Front driving axle / Rear steering axle

Front tyres: 340 / 65 R20 (other size on request)

Rear tyres: 11.0 / 65 x 12 (other size on request)

Front and rear track: 1.50 meter (other width on request)

Reduced wheelbase: 2.10 meters (for an optimized turning radius)





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## Picker

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### Header

2 rows picker with rollers (row spacing at 70, 75 or 80 cm)

Manual or electric setting of the rollers' spacing (optional)

Automatic tension of the picker chains (with spring for continuous tension)

Independent conveyor chains with automatic tension

Hydraulic functioning with electric command

Blades designed to avoid wrapping under the picker

Large opening of the bonnet for control and maintenance

Hydraulic lifting with suspension for on-road driving





## *Leaf removal table Elevator and hopper*

### **Leaf removal table**

Two independent tables for a row by row leaf removal

Adjustable tilting of the table toward the elevator  
star brushes electric lifting

Adjustable rotation speed of the star brushes

Adjustable distance between rollers and star brushes

Hydraulic functioning of the rollers and star brushes

Complete access from both sides of the combine



### **Elevator and hopper**

Two elevators and two hoppers for row by row harvest

Complete access to the elevators from both side of the combine

Hydraulic functioning of the elevators

Hoppers capacity : 250L/hopper

Rear chutes for bagging

Rear equipment on request





## Hydraulic Transmission

### Hydraulic system

Capacity of 80 Liters

Easy access for a fast filling and level control

Protection and filtration sieve for the hydraulic cooler with easy opening for control and cleaning

### Hydrostatic transmission

POCLAIN wheel motors with double cylinder capacity on front wheels (Allow a field speed and a road speed)

POCLAIN hydrostatic pump

Engaged wheel-drive dispositive (optional)

Park break with electric command (or progressive with manual command in option)

### Others

Fixation for transport

Traffic lights

Authorize to drive on French roads

Operating manual and spare parts catalogue





## Features

### Engine and transmission

Engine 40 ch (33 kW) (4 cylinders turbo)  
 Fuel tank of 75 litres  
 Hydraulic tank of 80 litres  
 Hydraulic transmission with double volumetric size engine  
 Speed on road 0 to 25 km/h  
 Speed on field 0 to 12 km/h  
 Front tyres : 340 / 65 R 20  
 Rear tyres : 11.0 / 65 x 12

### Corn picker

2 rows picker with separated rollers, row per row harvest  
 Adjustable spacing between rollers (optionnal electric assistance)  
 Blades designed to avoid wrapping under picker  
 Hydraulic suspension

### Leaf removal system

2 compact and tilting leaf removal tables  
 Electric assistance to lift the star brushes  
 Adjustable star brushes' speed rotation

### Elevator and hopper

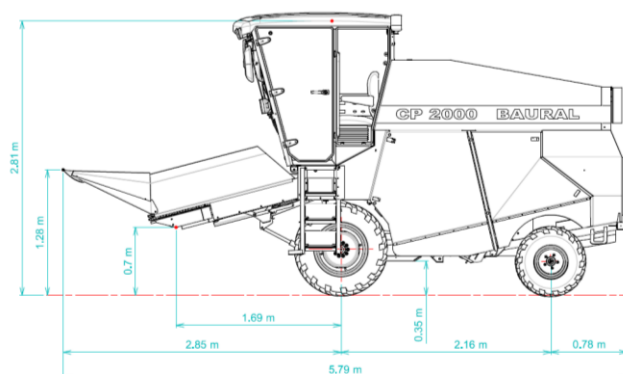
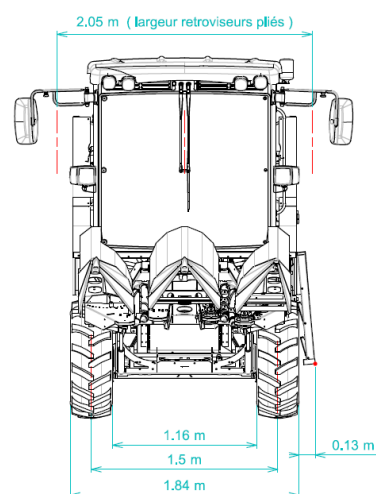
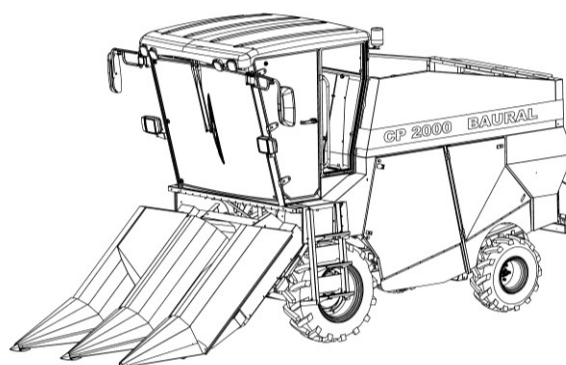
Two elevators and two hoppers for a row per row separated collection of the corn  
 Capacity : 250 liters / hopper  
 Rear chute and other equipment on request

### Electricity

Main circuit : 12 Volt  
 Traffic and road lights  
 Front working lights  
 1 reverse light  
 Security camera (optional)  
 Reverse camera (optional)

### Dimensions

Length : 5,79 m  
 Width : 2,05 m  
 Height : 2,81 m  
 Weight : 2 850 kg (depending on equipment)





# Contact us

**BAURAL**

2, rue Vallée Maillard  
41000 BLOIS  
France

☎ +33 (0)2 54 33 11 01

[Baural.contact@baural.fr](mailto:Baural.contact@baural.fr)

[www.baural.fr](http://www.baural.fr)

