



BAURAL

RF1500 Fodder Harvester

HIGH-TECH MACHINES FOR AGRONOMIC
RESEARCH AND SEED PRODUCTION



Harvesters



Comfort and fonctionnality

A rare combine designed to meet your needs

Completely suited and developed by BAURAL
Efficient and robust design
Powerful engine and transmission
Fast row-edging
Quick weighing avoiding mixture
Panoramic cabin
Daily reduced maintenance
Transport as normalized size
Authorize to drive on French roads



Powerful engine

Type KUBOTA Diesel:

- 4 cylinders

- "Turbocharged"

- Power of 33kW - 40ch DIN

- Torque: 120Nm - 2000 r.p.m.

In accordance with applicable standards

Positioning studied in such a way as to optimized the center of gravity for a better stability

Total access for maintenance

Reduced volume level

Protection and filtration sieve on the cooler

Fuel tank of 65 L

- Positioning at the back of the combine

- Easy access for a fast filling

- Electric gauge for a control from the cabin





Cabin and transmission

A panoramic view

Spacious drivers cabin with close to hand disposition

360° visibility

Visibility on the weighing hopper and the conveyor belt

Access on the left side

Heating and air conditioning

Filtered ventilation

Tilting steering and seat

Multi-function lever (forwarding command and header lifting)

Large size rear-view mirrors and large windscreen wiper

Front lights

2 accessibles circuit-breakers



Transmission

Hydraulic implements

Capacity 80 Liters

Easy access for a fast filling and level controls

Protection and filtration sieve for the cooler with easy opening for controls and cleaning

Hydrostatic transmission

POCLAIN wheel engine installed on front wheels (allows a speed on field and a speed on road)

POCLAIN hydrostatic pump (directly coupled with the engine)

Wheel-drive engagement dispositive (optional)

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





Weighing equipments and tyres

Weighing equipments

- Waiting hopper
- Weighing hopper with high capacity ± 800 liters
- Weighing area with 4 stainless-steel sensors (500 kg maxi)
- Weighing indicator with quick stability
- Visual control from the cabin
- Total access from each side and the back
- Draining system with moving belt after weighing
- Forced march of draining system from the cabin for row-edging
- Upper tarpaulin to reduce weather interferences
- Independant electrical 12 volts circuit



Axles and tyres

- Front driving axle / Rear steering axle (hydrostatic steering)
- Front tyres: 260 / 70 R20 (other dimension on request)
- Rear tyres: 7.00 x 12 (other dimension on request)
- Front and rear track: 1.40 m (other width on request)
- Short wheelbase: 2.10 m (for an optimized turning radius)





Transport and storage

Header and conveyor

Single cutter bar with toothed blade

Cutter bar hydraulically operated with oscillating connecting rod (robust manufacture)

Light reel, operated by a hydraulic motor with adjustable speed

Horizontal reel (adjustable manually)

Wide belt feed conveyor (1.40 m) with adjustable speed. Made in one single piece for a direct transport of the fodder from the header to the weighing hopper

Skates and roller under the cutter bar to adjust the height to uneven ground surfaces



Loading and transport

Reduced total weight for a transport on a car-trailer

Stowage dispositive

Traffic lights

Authorize to drive on french roads





Features

Engine and transmission

Engine 40 ch (33 kW) (4 cylinders turbo)
 Fuel tank of 65 liters
 Hydraulic tank of 80 liters
 Hydraulic transmission with double volumetric size engine
 Speed on road 0 to 20 km/h
 Speed on field 0 to 12 km/h
 Front tyres : 260 / 70 R 20
 Rear tyres : 7.00 x 12

Header and conveyor

Single cutter bar with toothed blades
 Reel with variable speed and position
 Width conveyor at 1.40 m with adjustable speed
 Skates and roller under the cutter bar to feet on uneven ground

Electricity

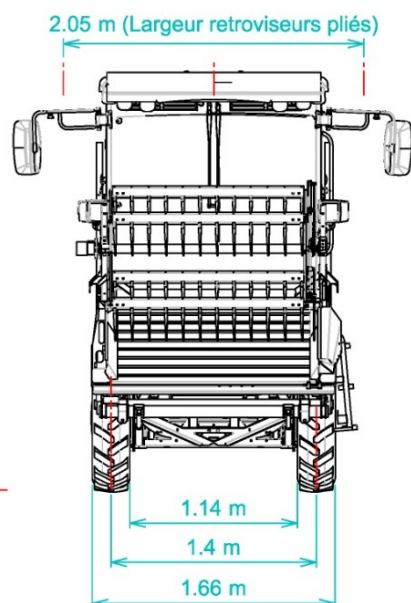
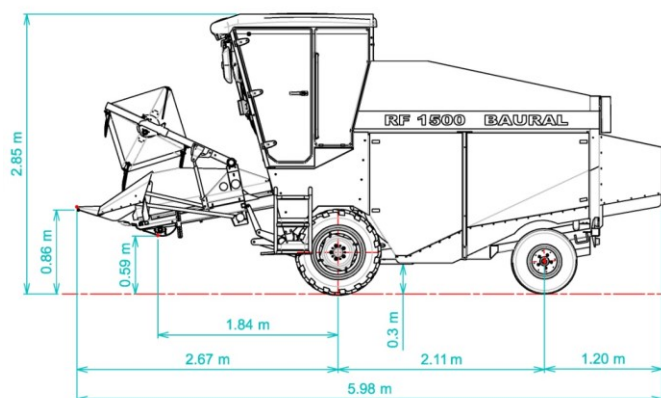
Main circuit : 12 Volts
 Secondary circuit : 12 Volt
 Traffic and road lights
 Front working lights
 Rear working lights
 Revolving light

Weighing equipments

Weighing hopper (volume 800 liters)
 4 stainless steel sensors IP65
 1 indicators with quick stability
 Hydraulic command solenoid valves

Dimensions

Total length : 6,00 m
 Total width : 2,05 m
 Wheelbase : 2,11 m
 Total height : 2,85 m
 Total weight : 2 460 kg
 Height from ground : 0,30 m





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