



BAURAL

SF2000 Silager

HIGH-TECH MACHINES FOR AGRONOMIC
RESEARCH AND SEED PRODUCTION



Harvesters



Comfort and functionnality

A simple plot and multi-varieties silager designed to meet your needs

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



Powerful engine

"Turbocharged": 129 kW (175 ch DIN)
"Common rail": 175 kW (238 ch DIN) (optional)
In accordance with applicable standards
Total access for maintenance
Electronic control board inside the cabin
Engine rotational speed already programed (800 –
1300 – 1800 – 2200 r.p.m.) (Optional)
Subdued rear door to cool engine down





Cabin et transmission

Panoramic view

- Great visibility at 191° with an access on the left
- Heating and air conditioning
- Ventilation and filtered pressurization
- Tilting seat and steering column
- Foldable ladders
- Sunroof to clean filters
- Multi-function lever (forwarding command and header lifting)
- Close to hand disposition
- Large size rear-view mirrors and large windscreen wiper
- Front lights
- Spacious cabin for driver and operator



Transmission

- POCLAIN hydraulic wheel engine installed on a solid frame
- Fixation for transport
- 4 gears (rear axle in option)
- SAUER hydrostatic pump
- Large tyres to harvest in all conditions
- Hydrostatic direction
- Road speed at 25 km/h
- Park break with electric command (progressive with manual command in option)



Weighing and sampling equipment

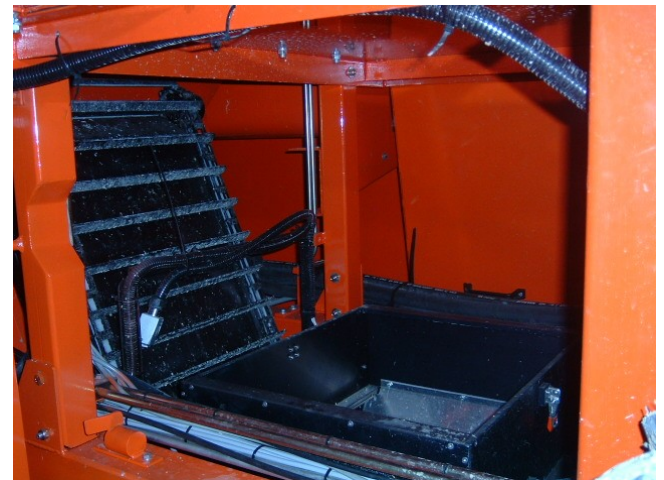
Weighing system

- Foldable cyclone
- Weighing hopper of 500 liters
- Weighing area with 4 stainless-steel sensors (500 kg maxi)
- Weighing indicator with quick stability
- Access and control from driver's seat
- Pneumatic system for door opening



Analysis system

- Carrying strip with adjustable speed for spectrometry analysis
- Controller for a stable silage height (adjustable height and speed)
- Silage compression roller (adjustable height and speed) (optional)
- Industrial spectrometer NIRS
- Cycle's management by PLC
- Computer and harvest software (optional)



Sampling equipment

- Variable speed sampler with inverter
- Sampling before or after the weighing (to define)
- Sampling storage tank with an outside access





Header and chopper

Corn header

Hydraulic functioning
Champion 1200 KEMPER
Row spacing for corn from 70 to 80 cm
2 intake drums
2 pressure rollers
Foldable chute for transport
Lateral auger (optional)



Powerfull mincing

1180 r.p.m. chopping wheel
12 tunsten carbide coated blades
Hydrostatic drive (power of 80 kW)
Grains crusher





Features

Engine and transmission

Engine 175 ch 129 kW à 2200 r.p.m. (6 cylinders turbo)
 Fuel tank of 315 liters
 Hydraulic tank of 140 liters
 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 16.9 R 28
 Rear tyres 360 / 70 R 20

Silage unit

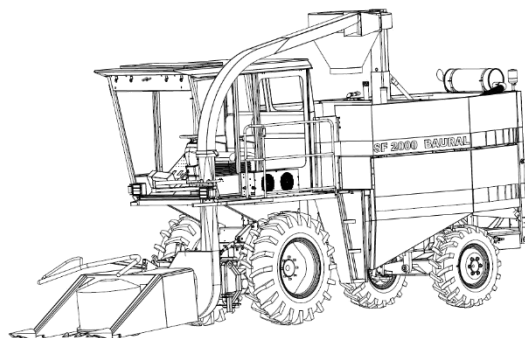
Hydrostatic transmission
 12 blades chopping wheel
 Rotor speed at 1180 r.p.m.
 Reversible shear bar
 Grains crusher
 Adjustable chopping length

Electricity

Main circuit : 12 Volt
 Secondary circuit : 12 Volt
 Traffic and road lights
 Front working lights
 1 reverse light
 Revolving lights
 Cycle PLC

Other equipments

Belt and controller for NIRS
 Straw discharger



Weighing equipments

Retractable decompression cyclone
 Weighing hopper (500 liters)
 4 stainless steel sensors IP65
 1 indicators with quick stability
 Solenoid valves and pneumatic command cylinders
 Rotating sampler with chain and inverter with adjustable speed
 Resumption hopper

Dimensions

Total length with the header : 8,35 m
 Width : 2,15 m
 Wheelbase : 3,25 m
 Distance between front wheels : 1,50 m
 Distance between rear wheels : 1,50 m
 Turning radius : 8,20 m
 Total weight with header and rear motor : 6 900 kg
 Height from ground : 0,40 m

Options

Engine 238 ch 175 kW : 6 cylinders « common rail »
 Rear hydraulic motor
 Air conditionning / Heating
 Sampling system
 Air compressor with tank
 Pneumatic winder for air pipe (air nozzle or manometer)
 Removable light with cable on winder
 Industrial spectrometer - NIRS
 Data collector / Industrial computer
 Printer
 Large fuel tank : 500 litres
 Security cameras





Contact us

BAURAL

2, rue Vallée Maillard
41000 BLOIS
France

☎ +33 (0)2 54 33 11 01

Baural.contact@baural.fr

www.baural.fr

