

CITAN

MACHINE OF THE YEAR 2013

from 6 to 15 m
up to 15 ha/h
up to 20 km/h



CITAN 6000
4–6 ha/h, 6 m,
3,000 l

CITAN 8000
6–8 ha/h, 8 m,
5,000 l

CITAN 9000
7–9 ha/h, 9 m,
5,000 l

CITAN 12000
10–12 ha/h, 12 m,
5,000 l

CITAN 12001-C
10–12 ha/h, 12 m,
8,000 l: 5,000 l and
3,000 l for fertiliser

CITAN 15001-C
10–15 ha/h, 15 m,
8,000 l: 5,000 l and
3,000 l for fertiliser

Judgement from practice ... “There is no method more efficient!”



Citan 6000: “Highest possible work rates on difficult soils”

✚ Dragomir Dobrosavljev and his son Milorad Dobrosavljevund, Serbia

“We always must be, depending on the right weather and soil moisture, able to react quickly when the conditions for drilling are at their optimum” explains Mr. Dobrosavljev. “So with this in mind, we were looking for a highly efficient solo seed drill. Our experience with the new Citan 6000 so far has been very good with the sowing of 600 ha of barley and wheat now completed in shortest possible time. In comparison to where we were previously, we are clearly more on top of our sowing operation.”



Citan 12000: “10 to 15 hectares per hour”

✚ Carsten Steger | board member and head of agriculture at Agrargenossenschaft Kirchheilingen e.G., Germany

“The better the seedbed preparation, the faster we can drive. Added to this: the bigger the fields, the lower the seed rates, the higher the acreage outputs”, Carsten Steger reports. For the quick filling of the 5,000 litre seed tank of the Citan 12000 a transfer tank is mostly used. “If everything goes well the drill hopper is then refilled within two minutes”, Carsten Steger says. The soil tillage prior to sowing is carried out separately. So following stubble work, mostly deep soil tillage with a cultivator is carried out and timely, prior to sowing, another shallow seedbed preparation is made with a 10 m wide universal cultivator. “For seedbed preparation we always have to take care to allow for some lead-time so that the seed drill has sufficient work ahead of it” Carsten Steger reports.



Citan 12000: “Uses just 3 l diesel and only 1 € wearing costs per hectare across the field”

✚ Hans-Uwe Heilmann | Agrarprodukte Kitzen e.G. · 04460 Kitzen, Germany

“After 3 years our Citan with a 12 m working width has sown an area of 10,000 ha. I am not only pleased with the high output but also with the low running costs. The diesel consumption of the tractor is about 3 l/ha and the sowing discs of the seed drill will probably do another 10,000 ha.”



Citan 12001-C: “Impressive performance”

✚ Head agronomist OOO “Schazk Zolotaja Niva” W. N. Makarov (right), Deputy General Director W. M. Nadeew (left), Russia

“100 to 120 ha per shift, over 2,500 ha per season – this isn’t a problem with our new Citan 12001-C”, reports W. M. Nadeew, acting director general of the Russian agriculture business OOO “Schazk Zolotaja Niva”.

“In comparison with other seed drills, the Citan offers us a whole series of advantages”, adds Mr. Nadeew. “We achieve high sowing work rates because of the 12 m working width and, with forward speeds of more than 12 km/h, it ensures a rapid sowing operation. However, we also achieve higher work rates thanks to the larger seed and fertiliser hoppers

which we do not have to fill that often. In addition we require less filling systems to supply the seed and fertiliser.” W. N. Makarov, the chief agronomist of OOO “Schazk Zolotaja Niva”, states as an other benefit of the Citan the easy initial adjustment of the seed rate and the sowing depth. And: “Irrespective of the soil type, the actual seed rates and sowing depths match very well to what we have pre-set. In this way we can finish sowing punctually by the optimum dates yet with a high quality of work. This ensures our yields and makes the Citan stand out in comparison with other seed drills.”



Citan 12001-C: “Top performance at the optimum sowing date”

✚ From left to right: Farming in the Tula region, chief agronomist Alexander Tschernikow, dealer company director “Agrolider” Aleksey Baryschewskij, Russia

“In 2011 we purchased the first five Citan 12000”, the Chief agronomist Tschernikow Alexander for the farm “Tula Wozroschdenije” OOO reports. “We then had such a good experience with these machines that we decided in 2012 to purchase twelve more Citan 12001-C.”

“At sowing speeds of 10 to 12 km/ha, we managed with each Citan approximately 160 ha of cereals/day or 200 ha of rape/day. So in spring and autumn 2012 we sowed more than 3,000 ha with each machine” states Tschernikow Alexander. “With this quality of machinery we manage top-work rates at the optimum sowing date. When cereal sowing, one tank fill is sufficient for over 2 to 2.5 hours before we have to refill. At the same time the RoTeC⁺ Control coulters reliably sow the seed at the desired depth. The distribution along the rows is also optimal. This provides us with a good and even field emergence.”



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Cost Cutting Concept
More with less

MI 4136

FASCINATING



Citan large area seed drill

Fast and cost-effective sowing at the optimum time in 6 to 15 m working widths

The Citan is ideally suited for farms that work with a split sowing system. Initially, the soil tillage is carried out, for example, with a Catros compact disc harrow or Cenius mulch cultivator followed then later by the sowing operation.

The features

The large seed hopper capacity, fast operational speeds of up to 20 km/h, easy pulling and precise metering – all this makes the Citan a very efficient seed drill indeed!

With fertiliser – the Citan-C

The Citan 12001-C and 15001-C offer the possibility to also place fertiliser together with the seed into the seed furrow. Therefore the hopper is divided and can be filled either 2/3 with seed and 1/3 with fertiliser or maybe a second seed type.

- Compact folding technology – all Citan models offer a transport width of just 3 m and a minimal transport height.

Up 15 ha/h at minimal expense

- Low diesel consumption for the tractor of just 3 l/ha
- Low power requirement from 15 to 17 kW/m (20–23 HP/m) working width
- Low wearing costs of 1 €/ha
- Low non-productive times from quick filling
- Low seed cost due to the precise metering and optimum field emergence



Citan 6000

IMPRESSIVE



SEE MORE



Citan 12001

RoTeC⁺ Control coulters

Perfect seed embedment from the 400 mm diameter coulters and optimised coulters pressure!

RoTeC⁺ Control coulters

RoTeC⁺ Control coulters can run at a coulters pressure up to 55 kg. At AMAZONE, the actual effective coulters pressure is comparatively higher because the pressure is not divided between a press roller and the coulters but acts exclusively on the coulters.

Exchangeable metering cassettes for optimum lateral distribution

- 20 ccm
e.g. for rape, turnips, lucerne
- 210 ccm
e.g. for barley, rye, wheat
- 600 ccm
e.g. for spelt, oats, wheat



3 Adjustments

Sowing disc

Control 25 depth guidance roller

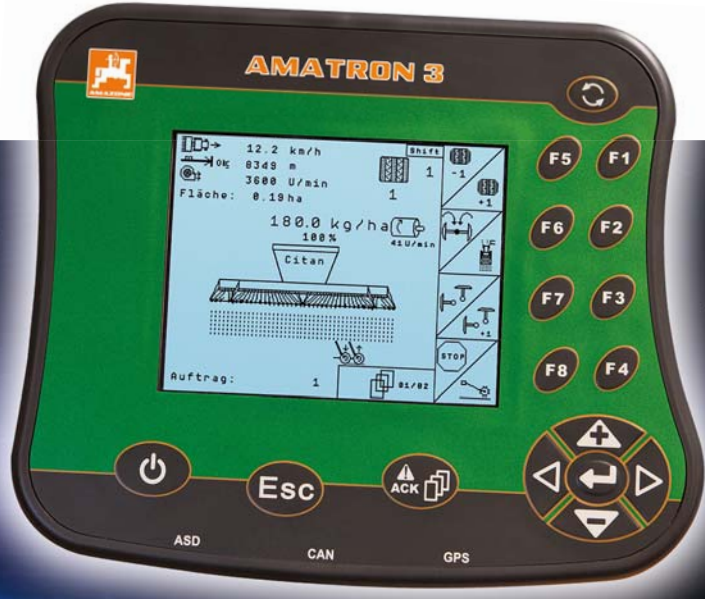
Furrow former

- RoTeC⁺ Control coulters
with Control 25 depth guidance roller with a 25 mm wide surface contact area



AMATRON 3 operator terminal

The control of all the important settings is carried out via the AMATRON 3. This includes a number of work functions that assist in the operation of the machine such as, for example, calibration through automatic metering cassette rotation, seed rate adjustment including remote increase and decrease of the quantity. AMATRON 3 is a machine-overlapping operating terminal for seed drills, fertiliser spreaders and crop protection sprayers.



AMATRON 3 operator terminal