Press release

Wageningen 10th March 2014

First Electric Tractor for Sustainable Agriculture

Multi Tool Trac builds the first electric tractor. It has a complete electric powertrain built with reliable components, an unique on-the-fly track width adjustment and five positions for all common tools and agricultural equipment. A modern 6-cylinder diesel engine with 140kW (185 Hp) is used as range extender.

Every tractor is custom built, quite affordable – both for purchase and exploitation – so enterprising soil tillers can order just one. The final price is, of course, determined by the custom built specifications.

The Multi Tool Trac relieves farmers of work, makes their work more efficient and sustainable while utilizing the soil more profitably.

On the ESEF 2014 (11-14th of March Utrecht, the Netherlands) we will provide a sneak preview of the new Multi Tool Trac.

Big machines enlarge the capacity in arable farming, but on the other hand, they bring soil compaction in place at the cost of harvest quantity and quality. Seven Dutch arable farmers were looking for a solution to this problem. Together with them we developed the Multi Tool Trac.

Progress for both man and environment

The Multi Tool Trac is custom built for farmers that want to get the best out of their soil. With a sophisticated GPS-steering (with RTK signal support) the tractor always uses the same tracks on the field. The rest of the land is kept in good condition for optimal plant growth. All regular equipment can be mounted on the very long frame and in sight of the driver. Neck and back problems caused by constantly looking backwards, are avoided.

The electric 4-wheel drive enables maximum power. Working smoothly and accurately in all circumstances with a simple joystick. The 4-wheel steering provides a small turning circle. In the field the track width is the required 3.00 meter, on-road it can be reduced to 2.25 for driving on narrow country lanes. The Multi Tool Trac is the first electric tractor that makes your work more pleasant and more sustainable and that keeps the natural soil conditions in “optima forma”. We are currently building two Multi Tool Tracs. They will be tested comprehensively in April 2014. The tender for the next series is now open.

Specifications of this multi functional tool carrier:

- electric powertrain with 4 x 22 kW nominal and 4 x 44 kW maximal
- battery capacity 30 kWh
- Range extender: modern 6-cylinder diesel engine with 140kW (185 Hp) with a efficient high rpm generator.
- 4-wheel drive and steering for small turning circle and optimal power in all circumstances
- full electronic steering with Canbus, prepared for master-slave and auto-steering
3 positions for hitch and PTO
• cabin is continuously adjustable over the whole length of the frame, which gives two more positions for loading
• track width on-the-fly adjustable from 2.25 to 3.25 meter
• wheel base 5.50 meter
• loading capacity: 5 ton

The MultiToolTrac is a Dutch innovation, designed and built by Machinefabriek Boessenkool, Wissels Techniek and Van Ham Organisatie & Advies, partners in the Osse Equipment Manufacturing Group.

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Machinefabriek Boessenkool, 11- 14th March, Utrecht, ESEF 2014, Hal 1 stand 01.B115

The ESEF is the largest and most important exhibition in the Benelux area in the field of supply, subcontracting and engineering. In co-location with the Techni-Show, the trade fair for industrial production technology. See: [http://www.esef.nl/en/Bezoeker.aspx](http://www.esef.nl/en/Bezoeker.aspx).