

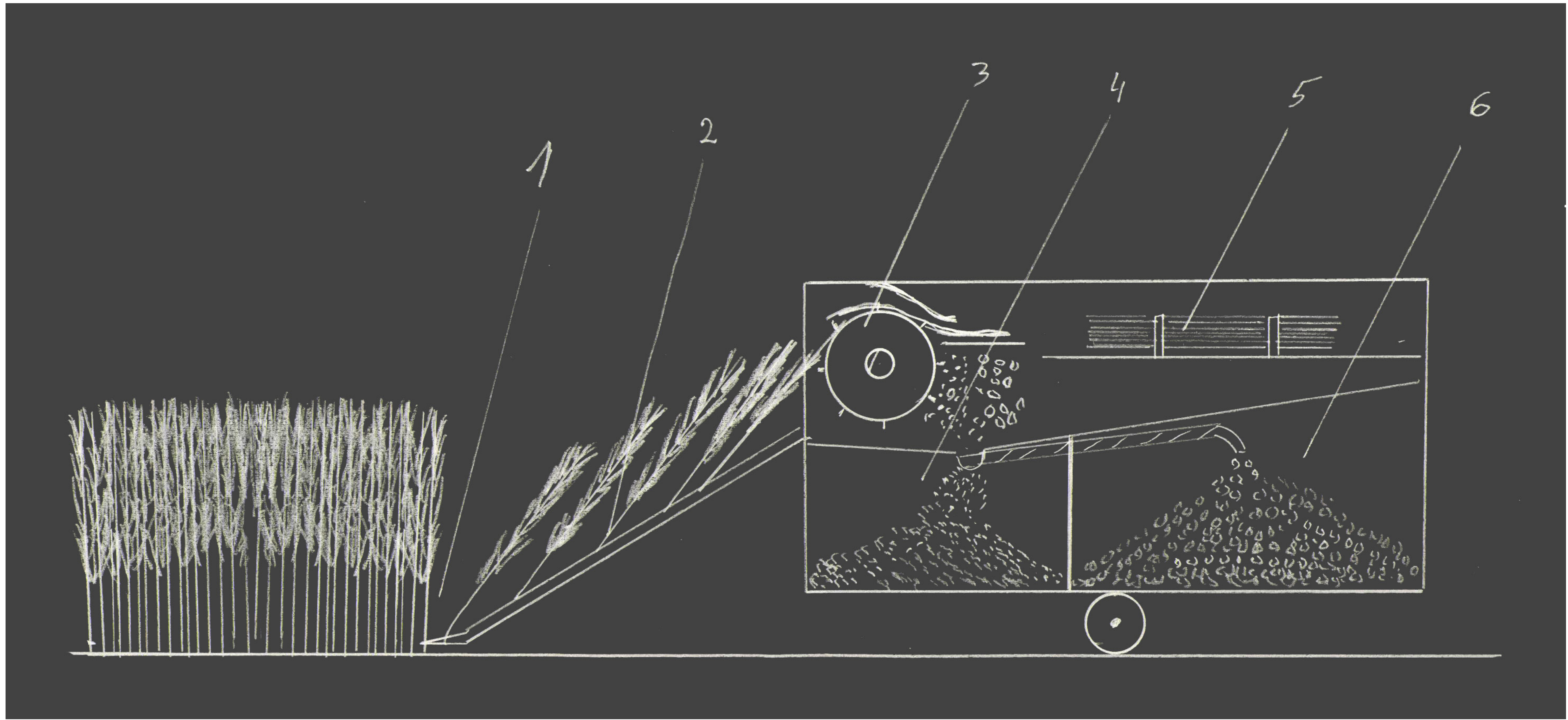
# multifunctional HEMP HARVESTER

1 MODEL Deren 2012



Hemp harvester is a first multifunction machine of this type in the world. It harvests the hemp, splits the seeds and leaves and connects stem into bales. Machine is constructed as a mobile unit and is easily transported to different locations. For transport a personal vehicle is required. In the machine 4 phases of plant processing are included that save us time, money and energy.

According to acquired information and market analysis there is a lot of demand between the hemp growers all over the world for this type of machine. Because of the Uniqueness of the functions this machine has, we expect a great demand. Developing this machine presents new job possibilities and sale increase for the company producing it.



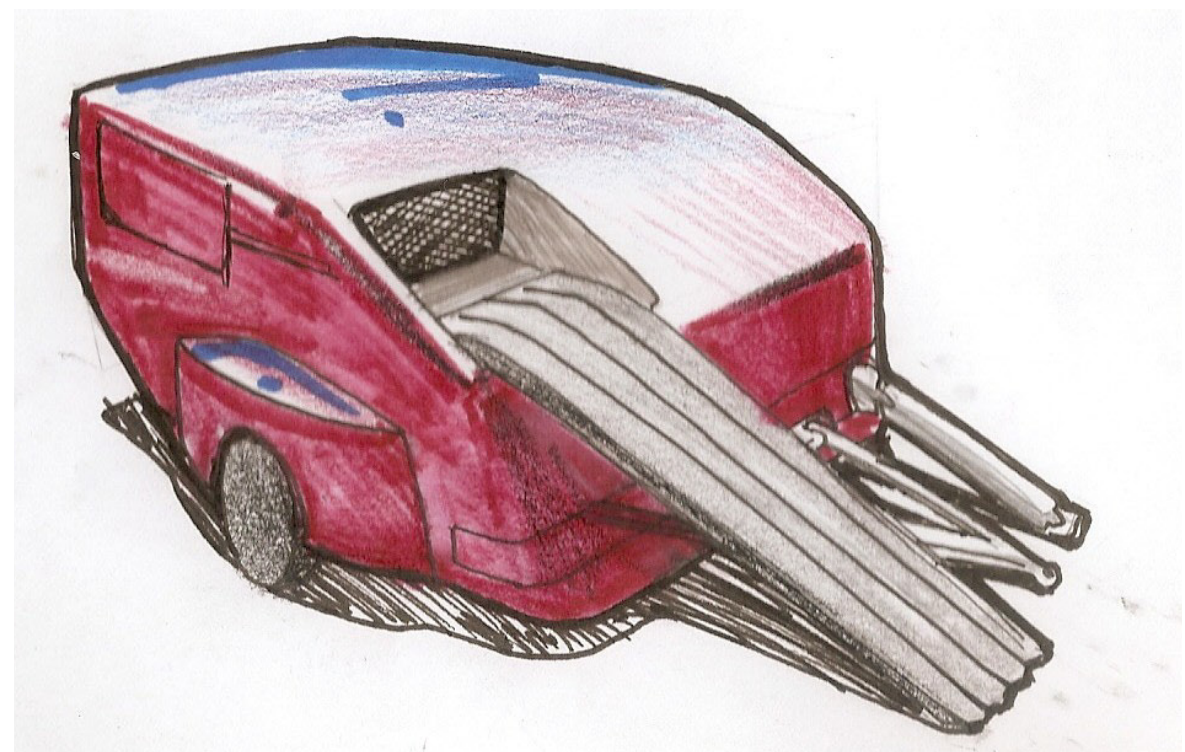
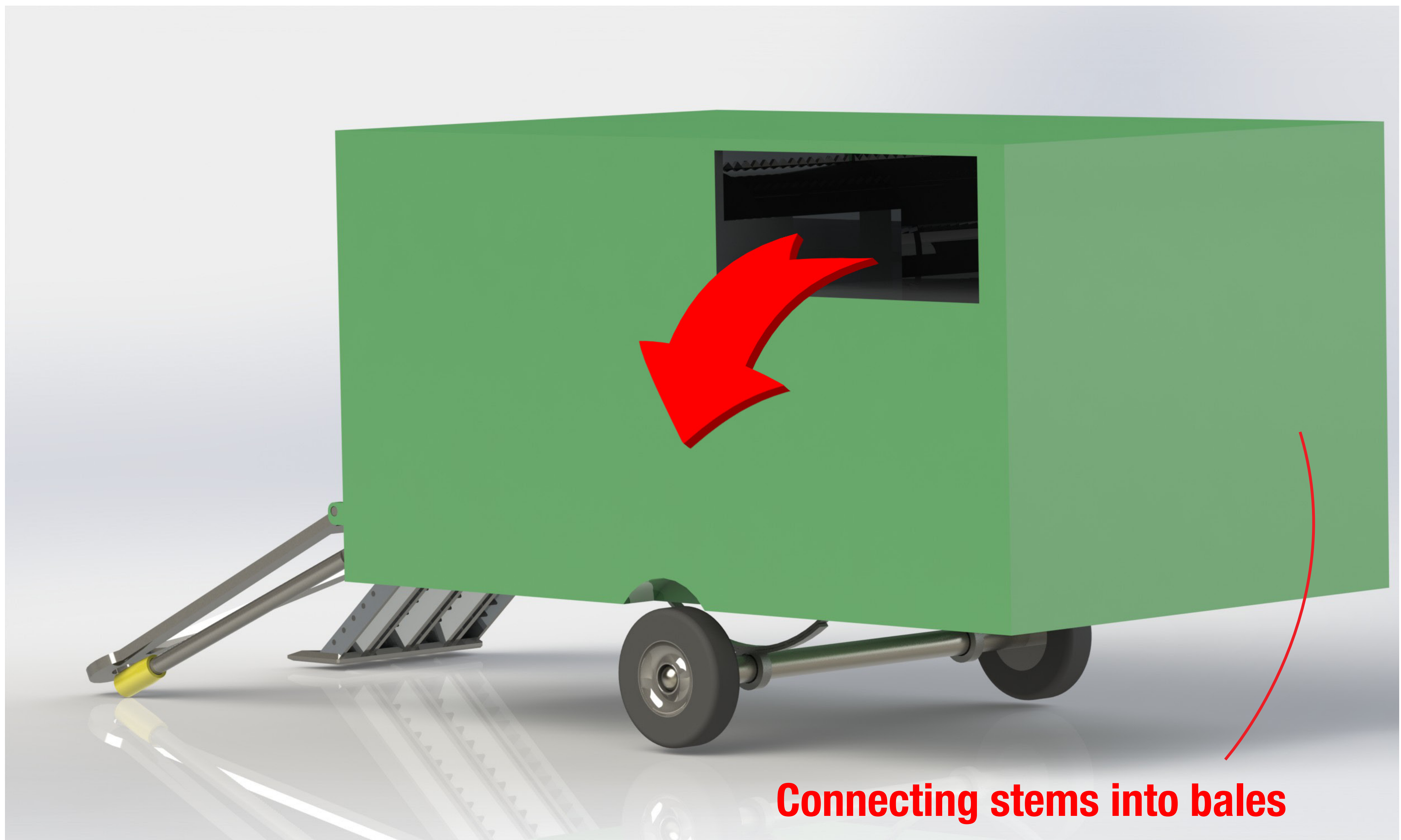
Innovation of the machine has even in the development stage promoted an interest of hemp growers and development engineers for future development of other machines required for hemp cultivation. In cooperation with development companies and institutions we plan to create a machine that splits fibers from stem, machine for making hemp chips and press for production of coldly squeezed oil. Also we are developing a machine for mixing of hemp particles for isolation roughcast in civic engineering. At this stage we also have an idea for a machine that produces isolation wool made of hemp and a machine that makes cloth made of hemp.

Using multifunctional machine for hemp harvesting allows great savings when it comes to processing and splitting the seeds and leaves. There is no need for extra electrical energy for splitting the eaves because it is already included in the phase of harvesting directly on the field.

Machine doesn't require electrical energy since it's powered by the mechanical connection with the tractor. Therefore there is less greenhouse gases emissions - the machine itself does not have a negative impact on the environment. The phase of splitting the seeds from the plant is done on the field so there is no need for that later.

Because tresher is implemented in the machine there is no safety hazard with operating the classical tresher. Also the tresher does not require extra energy. The machine does not have any electronic components which reduces chances for malfunction and increases effective work time, which definitively comprehends to greater satisfaction of the users.

We expect this machine will encourage hemp cultivation by easing the harvesting and introducing the infinite possibilities that hemp has, to general public. We believe the development of this machine will encourage this industry and bring new work places to the people.



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