

Compost mixer-aerator comprises a frame that is coupled to a power source, a milling rotating drum mounted on it and equipped with working elements, which is driven by the power source, support wheels mounted on the frame and a pump equipped with a compost moistening and inoculation system comprising a tank for liquid components, a distributor-regulator and spray nozzles. The tank for liquid components, the pump and the distributor-regulator are mounted on a separate trailer chassis capable of being coupled to the aerator frame and a tractor hitch. The chassis spray nozzles are made of a fog nozzle type and are mounted behind and in front of the chassis with the tank.