

A thrower for manufacturing twisted objects comprises a twisting mechanism made as a system of rotors, a pay-off, a twisted assembly, a calibrating device, a transmission shaft, an exhaust and receiving mechanisms. All members are fixed at the support and kinematically associated; rotors are installed individually; charging coils are installed on the rotors, coils provided with break elements installed coaxially to rotors fixed to legs. Every rotor is performed as a hollow drive shaft, whereon parts of torsion frames are fixed; frames are made as L-type profiles with guide wheels installed, located symmetrically along support and turned for 180° relatively to axis of rotation of the drive shaft, shafts are fixed at the ends of the said drive shaft inside of rotating frames, charging coils are rigidly fixed to the said shafts; coils are installed on bearings and are connected with a multidisc break being a part of an automatic take-up device for members of objects, the break is associated to the drive shaft and the shaft, and charging coils for providing synchronous movement of the shafts, with charging coils and the drive shaft, inside of which along all length wires are required, wires made in the form of tubes fixed by flanges at the ends of the drive shaft and located near thereof axis of rotation, coaxially at all rotors, a director is positioned in between-rotor gap, which is performed in the form of a system of telescopic tubes capable of movement inside a hollow shaft one of adjacent rotors, while charge and discharge the charging coils.