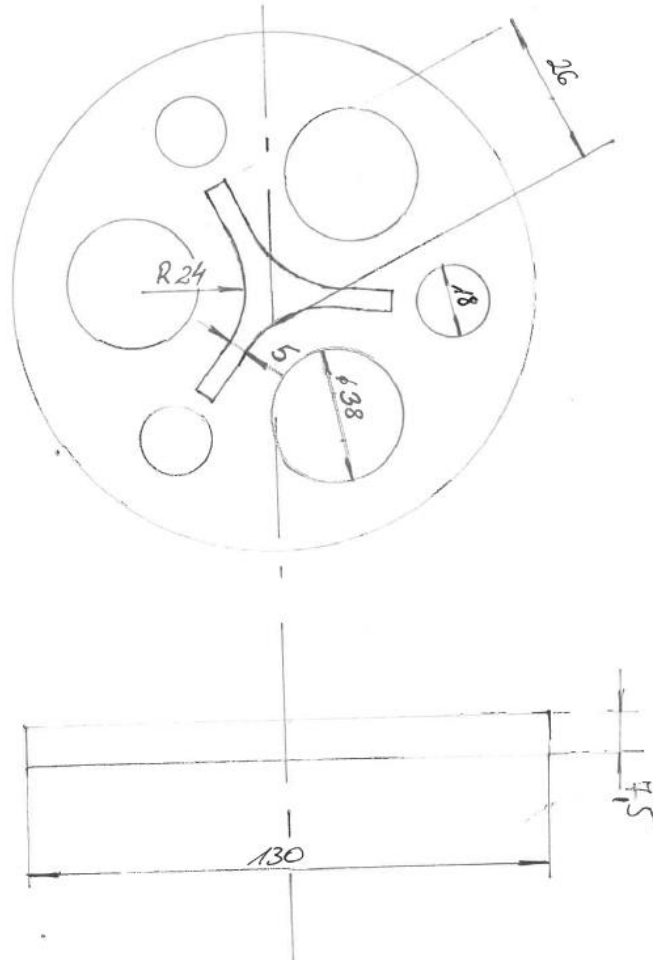


## DESCRIPTION OF THE SUBJECT OF THE ORDER - Drum Twister Machine.

The available space in the hall is a rectangle measuring 100x8 meters.

A machine drawing is required. It will determine the installation location in TF3 (Tele-Fonika Kable S.A. Kraków – Wielicka Plant).

1. Control of the payoff devices from the main panel (left-right).
2. Adjustment of the brakes on the payoff devices from the main panel.
3. Two tape applicators with the capability to simultaneously apply four different tapes.
4. 10 roll off payoff devices with drum flanges adjustable from 1250mm to 1600mm.
5. Pay off devices with reinforcement capability (elevating platforms for drums to engage with the pinch rollers). Loading and unloading of payoff devices only form below (no overhead crane). Adapters for 1250mm and 1600mm drums. Ergonomic drum mounting and dismounting process.
6. Adjustable braking force for the drum during the twisting process.
7. Compensators for 8 payoff devices for the smallest cross-sections to reduce tension force, enabling the twisting of 1mm<sup>2</sup> cross-sections (auxiliary conductors, optical fibers) Applies to devices with roll-off capability.
8. 10 auxiliary payoff devices without roll-off capability, suitable for reels from 630 to drums up to 1250mm.
9. Auxiliary devices with adapters included. (also equipped with adjustable brakes).
10. Main calibers ranging from 15mm to 92mm in 0,5 increments, plus calibers in 3mm increments from 10mm to 92mm.
11. Main rosette with 21 symmetrically arranged holes.
12. Additionally, a holder between the main rosette and the caliber for the auxiliary rosette for cables with a central spacer. See drawing below (illustrative drawing does not show the number of components).



13. Capability to reverse the line (for unstranding the core).
14. Adapters for payoff and take-up devices, with diameters of 80mm and 100mm.
15. Take-up device for drums with diameters of 2800mm, 2200mm, 1800mm. Drum weight with cable up to 10 tons.
16. Capability to twist left and right with lay lengths ranging from 50mm to 2000mm.
17. Range of cable core diameters from 15mm to 90mm.
18. Maximum linear speed of the strander up to 100m/min.
19. Maximum strander speed: 120rpm.
20. Cross-section range from 16mm<sup>2</sup> to 300mm<sup>2</sup> for working conductors. Auxiliary conductors from 1,0mm<sup>2</sup> to 10,0mm<sup>2</sup>.
21. Platform on the take-up device with automatic drum ejection capability.