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70 mm Sheath production line



Mesh Shape Take UP



Production line without accumulator



Application :

Suit for CAT5/6 , CAT5E/6E, control cable etc sheath production .

Main technical specification:

Max. outer diameter of cable core: 10mm

Max. outer diameter of cable finished: 12mm

Sheath material: PVC, flame-retardant polymer etc.

Line speed: 150m/min-300m/min

Pay-off bobbin: 800 outer diameter X 400 barrel diameter inner width can use 1000 wire bobbin (Special sizes can be another submit)

Take-up bobbin: 1000 outer diameter X 500 barrel diameter X 630 inner width (Special sizes can be another submit)

Production line consist:

1. 800 Bobbin active pay-off
2. Tension control arm
3. Damping wheel device
4. BM-70/25 extruder

Screw diameter/ L/D ratio: 70mm/1:25BM screw

Rotate speed of screw: 12-120 rev/min

Transmission motor: AC 22kW

5. U14 Fixed centering crosshead
6. Vacuum intake device and plastic dryer
7. Temperature control cooling water trough, stainless steel, with moving section total length 8m

8. Air blow dryer, drive by turbo air pump
 9. Stainless steel cooling water trough, length for 8m
 10. Air blow dryer
 11. Belt traction wheel device
 12. 600mm-800mm Bobbin take-up and traverse, tension control arm Power-drive lifting, pneumatic ejector pin rolling tight bobbin
 13. Full-set electric transmission control system
AC transmission and frequency adjustment variable speed system, full-line PLC
Program-controlled PID digital type temperature control, precision $\pm 1^{\circ}\text{C}$
- Optional parts:
14. Double pay-off/double take-up,
 15. Accumulator
 16. Computer spurts the code machine (Jet ink printer)