

90+50+65 Insulation/Jacket Line

90+50+65 insulation/jacket line is especially designed to make the building wire with poly-amide jacket at high speed. The insulation material is PVC and jacket over the insulation is PA6. The main extruder 90 is designed for PVC insulation with color skin or stripe(s), the 65 extruder is for PA6. The fly pay off and semi auto dual take up will make the continuous operation available. With special-designed screw and IPC line control, the production speed of tandem extrusion line for PVC and PA6 will be up to 1000m/min.

Its main composition of the line includes : 800 Fly pay-off, 318 Brake, 90mm extruder for PVC insulation with color skin, color dosing unit (delete), PVC drying and loading system, 65mm extruder for PA6, PA drying and loading system, multi-cooling system with capstan, 1250 Semi auto take up, HMI + PLC300 + RKC line control system, and China famous brand of measuring instruments.

Compact designed extruders are easy for installation and maintenance. The special screw and barrel design together with efficient heating and cooling system provide high linear output over a wide range of speeds. The diameter over insulation is kept with tight tolerance (+/-2%) during the acceleration and deceleration of the line due to the advanced monitoring and control system. (90~120 sec). Precision fixed and manual centering crosshead and extrusion toolings help the operator to achieve a very good centered the insulation/sheath. The line control system, consisted of HMI(touch screen) and Siemens 300/1200 PLC, provides a friendly operating interface for the process control. The process values, machine status and alarm information are displayed by the screen. The competitive price and high performance of the line will guarantee the high productivity and short return on investment for the customer. All the electric components and bearings for the line are from famous brands.

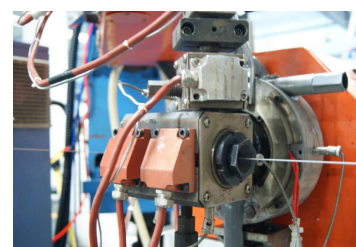
Fly pay off



Main extruder 90mm



Fixed centering cross-head



Hopper dryer



Vacuum loader



Cooling trough



Wire drying machine



Spark tester Proton



Semi-automatic dual take-up



PLC

