



# **Φ6-24inch** **PE TUBE EXTRUDING LINE**



## **C. Specification**

### **1) SJ120/28 single screw extruder**

**Note :**  
Due to keeping innovation,  
the specification and  
Machine pictures or color  
are subject to alteration  
without notice!



| Model                              | SJ120/28                                  |
|------------------------------------|-------------------------------------------|
| Power                              | 285kw                                     |
| Max output                         | 700kg/h                                   |
| Center height                      | 1000mm                                    |
| Screw type                         | Single screw                              |
| Screw diameter                     | 120mm                                     |
| L/D                                | 28:1                                      |
| Screw rotating speed               | 0-80rpm                                   |
| Hardness of screw surface          | HV800-900                                 |
| Treatment of screw surface         | Nitriding                                 |
| Screw material                     | 38CrMoAlA                                 |
| Screw barrel                       | 38CrMoAlA                                 |
| Screw Nit riding layer             | 0.5~0.6mm                                 |
| Screw surface roughness            | Ra≤0.8um                                  |
| Barrel Nit riding layer            | 0.5~0.7mm                                 |
| Hardness                           | (HV) >950                                 |
| Inner face roughness               | Ra≤1.6um                                  |
| Temperature control zone of barrel | 7                                         |
| Heating power                      | 24kw                                      |
| Heating method                     | Aluminumcasting heater                    |
| Cooling zone of barrel             | 7                                         |
| Cooling method                     | Blow fan 0.18kw*7                         |
| Ratio of gear box                  | 1:36.5                                    |
| Gearbox type                       | hard surface, Material 20CrMnTi Type: 315 |
| Speed adjusting method             | Motor speed adjustable                    |
| Soakage method                     | Oiliness bevel wheel lubricated           |
| Hardness of bevel wheel            | HRC54---62                                |
| Extruder structure                 | Welded by trough steel and plate,8mm      |
| Extruder steel                     | Q235                                      |
| Adjuster                           | ABBAC adjuster                            |
| Temp. Control meter                | RKC                                       |
| Contactar                          | Siemens                                   |
| Main electric parts                | Siemens                                   |