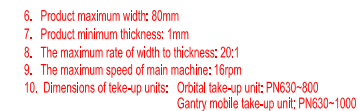
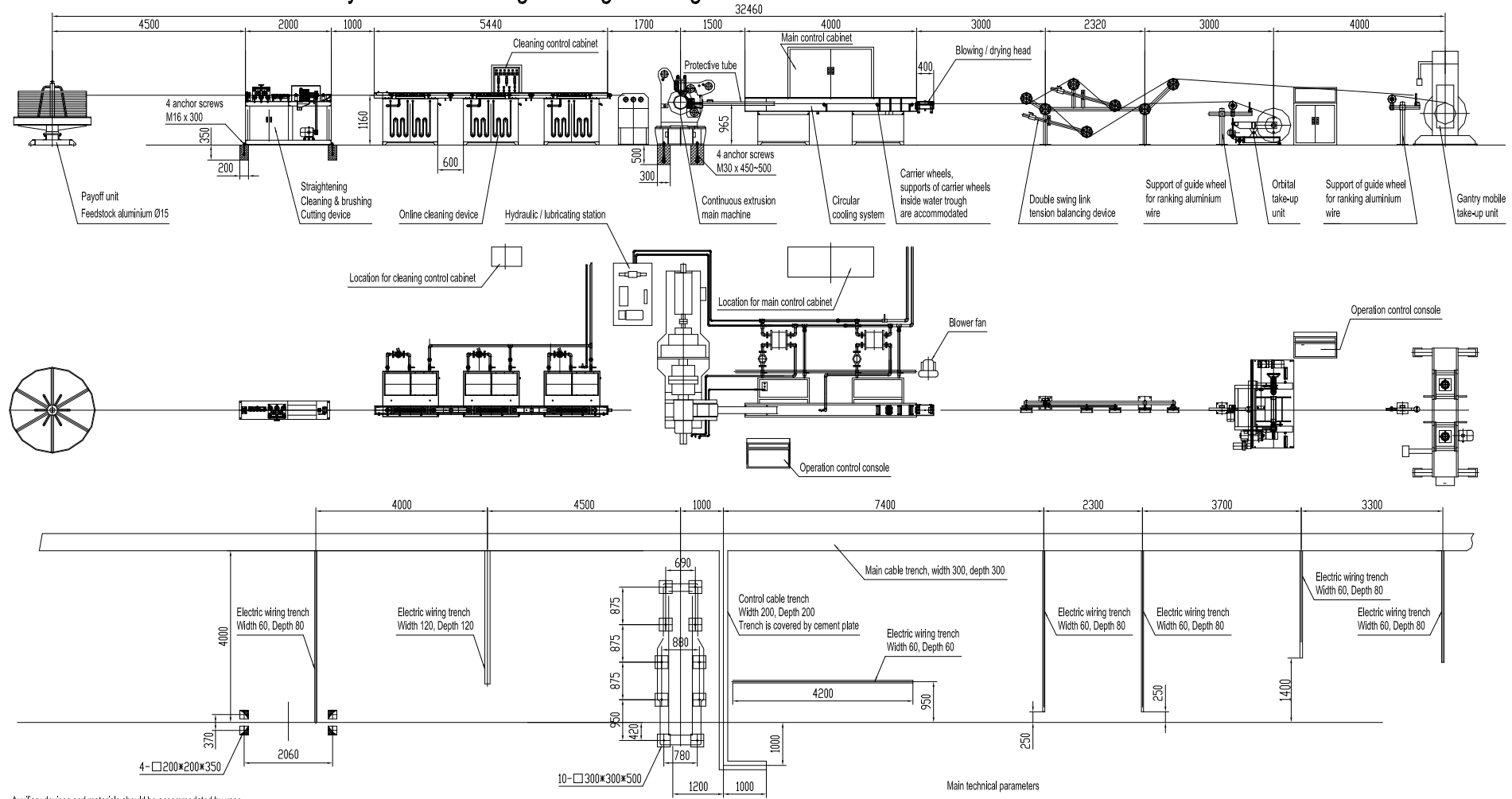


## Layout and civil engineering drawing for LLJ350 Aluminium Continuous Extrusion Machine



Main electric motor: DC 160kW

# Layout and civil engineering drawing for LLJ350 Aluminium Continuous Extrusion Machine



Auxiliary devices and materials should be accommodated by user

1. 3-phase, 380V, 50Hz, capacity 250KVA, power supply;
2. Compressed air without oil, flowrate is more than 1.0m<sup>3</sup>/min, pressure 0.7MPa;
3. If using an outer circulating cooling water, build a 30m<sup>3</sup>/h cooling tower, a clear water pump with 20m lift and flowrate 25m<sup>3</sup>/h;
4. Power lead, wiring conduit, pipe fittings, water-pipe, water-pipe fittings are accommodated for installation;
5. No.46 antiwear hydraulic oil 120kg, No.46 mechanical oil 60kg, No.320 gear oil 80kg;

Main technical parameters

1. Main machine power: 160kW;
2. Extrusion wheel diameter: Ø340mm
3. Feedstock diameter: Ø15mm
4. Product maximum section: 600mm<sup>2</sup>
5. Product minimum section: 30mm<sup>2</sup>
6. Product maximum width: 80mm
7. Product minimum thickness: 1mm
8. The maximum rate of width to thickness: 20:1
9. The maximum speed of main machine: 16rpm
10. Dimensions of take-up units: Orbital take-up unit: PN630-800  
Gantry mobile take-up unit: PN630-1000

## **(1) Technologic Process**

Pay off unit → Straightener → Clean unit → Extrusion → Cooling unit → Length counter → Dancer → Take up unit

## **(2) Technical Parameter**

Diameter of feedstock:  $\Phi 15\text{mm}$

Maximum product width: 80mm;

Maximum outer diameter of round tube:  $\Phi 40\text{mm}$ ;

Maximum width of rectangular tube: 60mm;

Minimum section: 20mm<sup>2</sup>;

Maximum section: 650mm<sup>2</sup>;

Minimum wall thickness of round tube or rectangular tube: 0.75mm;

Maximum capacity: 250KVA;

Maximum working current (DC motor):

When LLJ300 extrudes wires, the working current of DC motor reaches maximum current 250A;

When LLJ300 extrudes round tubes, the working current of DC motor reaches maximum current 300A;

P.S.

Detailed technical requirements, kindly please contact with us by email.