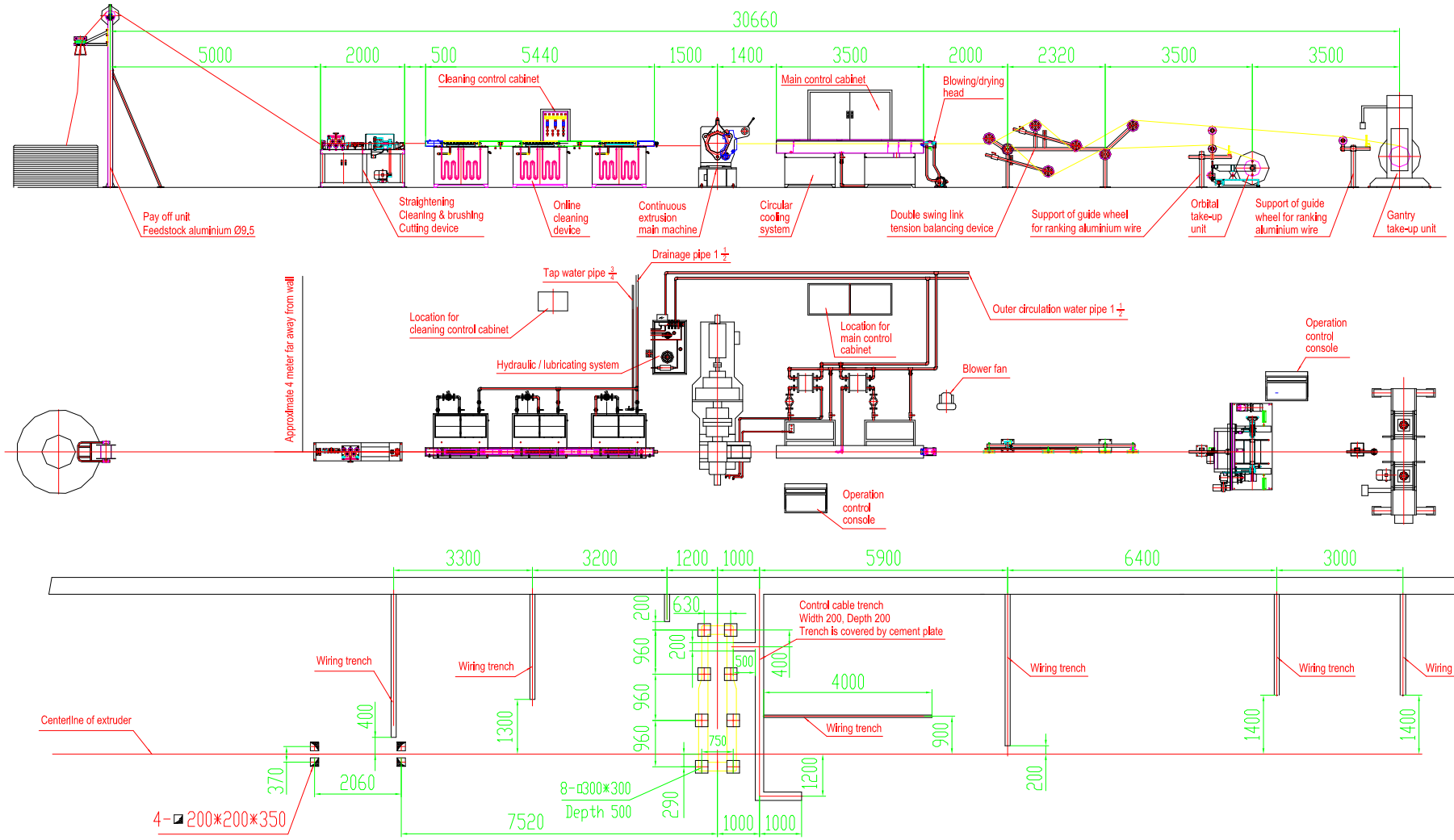
Main electric motor: DC 110kW

Layout and civil engineering drawing for LLJ300 Aluminium Continuous Extrusion Machine



Note:

1. 3~phase , 380V, 50Hz, capacity 250KVA, power supply;
2. Wiring trench dimension: 100x100 for reference. The main cable trench dimension: 400(width) x 300(depth)
3. Outer cooling water pressure ≥0.2MPa, flowrate ≥10m³/h
4. If using an outer circulating cooling water, build a 20m water tank with a 30m³/h cooling tower, a clear water pump with 32m lift and flowrate 25m³/h;
5. Power lead, wiring conduit, pipe fittings, water-pipe, water-pipe fittings are accommodated for installation;

The distance between the units is allowed to be adjusted according to the workshop area

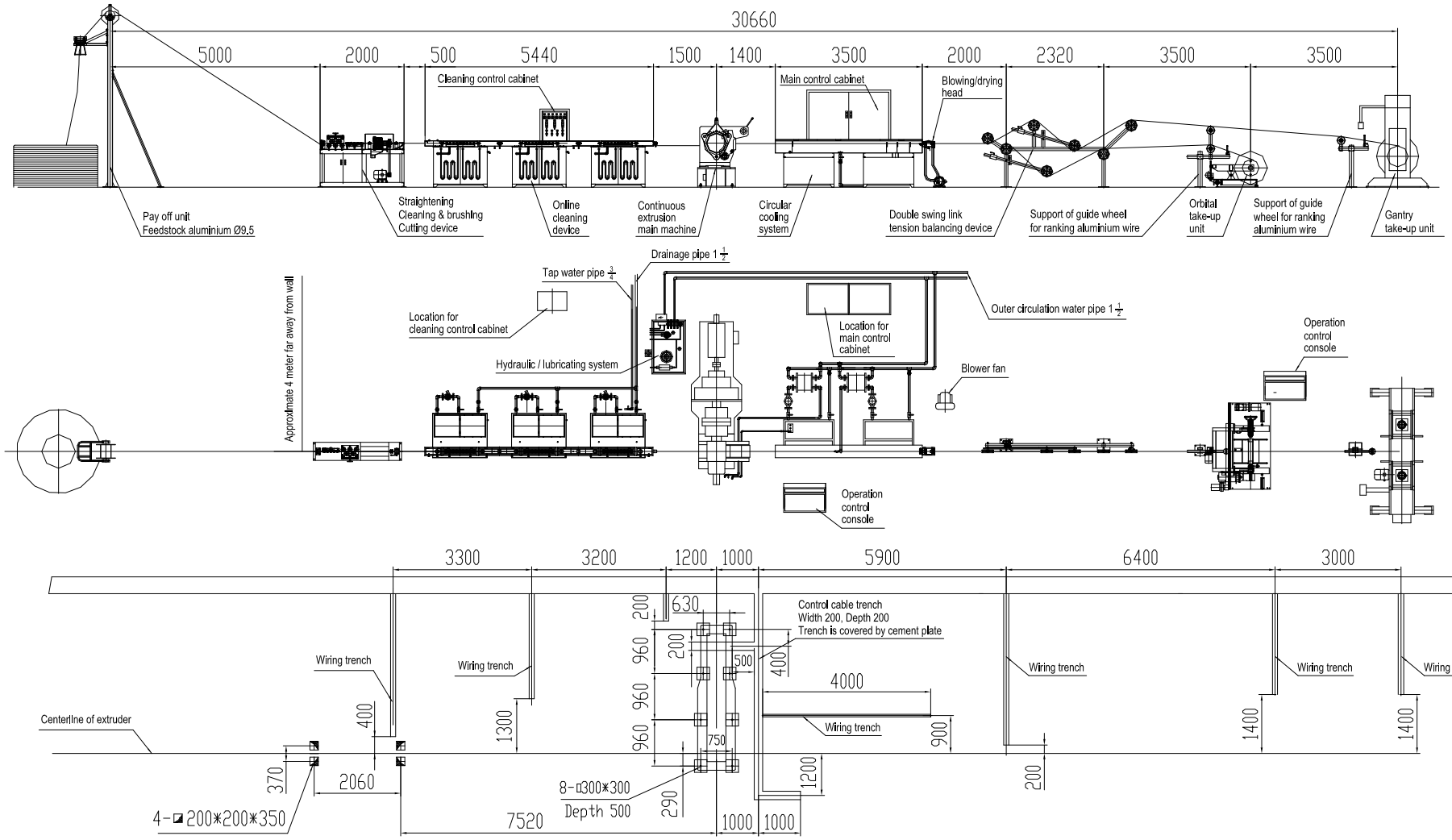
Yangzhou Xiangxin Electromechanical Imp. & Exp. Co., Ltd.
Room 339, Floor 3, Zone A, Shuang Qiao Business Plaza, No.101 Yangzijiang North Road, Yangzhou, Jiangsu, China (P.C. 225002)

Tel.: +86 514 8298 8288
Fax: +86 514 8769 3586

http://www.xxelectro.com
email: xxe@vip.163.com

Main electric motor: DC 110kW

Layout and civil engineering drawing for LLJ300 Aluminium Continuous Extrusion Machine



Note:

1. 3~phase , 380V, 50Hz, capacity 250KVA, power supply;
2. Wiring trench dimension: 100x100 for reference. The main cable trench dimension: 400(width) x 300(depth)
3. Outer cooling water pressure ≥0.2MPa, flowrate ≥10m³/h
4. If using an outer circulating cooling water, build a 20m water tank with a 30m³/h cooling tower, a clear water pump with 32m lift and flowrate 25m³/h;
5. Power lead, wiring conduit, pipe fittings, water-pipe, water-pipe fittings are accommodated for installation;

The distance between the units is allowed to be adjusted according to the workshop area

Yangzhou Xiangxin Electromechanical Imp. & Exp. Co., Ltd.
Room 339, Floor 3, Zone A, Shuang Qiao Business Plaza, No.101 Yangzijiang North Road, Yangzhou, Jiangsu, China (P.C. 225002)

Tel.: +86 514 8298 8288
Fax: +86 514 8769 3586

http://www.xxelectro.com
email: xxe@vip.163.com

(1) Technologic Process

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

(2) Technical Parameters

Diameter of feedstock: ***Φ***9.5mm

Maximum product width: 18mm;

Maximum outer diameter of round tube: ***Φ***20mm;

Maximum width of rectangular tube: 30mm;

Minimum section: 8mm²;

Maximum section: 120mm²;

Minimum wall thickness of round tube or rectangular tube: 0.6mm;

Maximum capacity: 180KVA;

Maximum working current (DC motor):

When LLJ300 extrudes wires, the working current of DC motor reaches maximum current 150A;

When LLJ300 extrudes round tubes, the working current of DC motor reaches maximum current 180A;

P.S.

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

YANGZHOU XIANGXIN ELECTROMECHANICAL IMP. & EXP. CO., LTD. Tel.: +86 514 8298 8288 http://www.xxelectro.com
Room 339, Floor 3, Zone A, Shuang Qiao Business Plaza, No.101 Yangzijiang North Road, Yangzhou, Jiangsu, China (P.C.225002) Fax: +86 514 8769 3586 email: xxe@vip.163.com