



Luoyang Juxing Kiln Co., Ltd.

National high-tech enterprise, provincial specialized and innovative enterprise

GWDL-1500 °C Fully Automatic Pusher Plate Sintering Electric Furnace

GWDL-1380TB38L56R400WH300



Kiln technology solution

date	Details	technology	calibration
First draft, July 24, 2026; production capacity: 300,000 units.		Wang Biao	Wang Guoqing



Luoyang Juxing Kiln Co., Ltd.

National high-tech enterprise, provincial specialized and innovative enterprise





Luoyang Juxing Kiln Co., Ltd.

National high-tech enterprise, provincial specialized and innovative enterprise





Luoyang Juxing Kiln Co., Ltd.

National high-tech enterprise, provincial specialized and innovative enterprise



The GWDL fully automatic pusher plate electric kiln is mainly used for sintering battery materials. The kiln consists of a complete furnace body and an automatic feeding system.

It consists of a system, an automatic feeding control system, a water cooling system, and an intelligent automatic temperature control system.

The kiln occupies $38 \times 4.5 \times 2$ (L x W x H) m², and the temperature control cabinet occupies $4.0 \times 8 \times 2.1$ m².

(L×W×H)



Luoyang Juxing Kiln Co., Ltd.

National high-tech enterprise, provincial specialized and innovative enterprise

I. Main Technical Specifications

1. Production Capacity and Process Description

1. Production volume	300000
(pieces/year)	300
2. Working days 3.	working hour
Daily working	1000
hours 4. Daily output	41.66666667
5. Hourly output 6.	400*400
Push plate size 7. Product size	170*170
8. Number of products per pusher plate; 9. Number	4
of product stacking layers; 10.	1
Total per layer; 11.	4
Number of pusher plate	12
layers; 12. Number of products per pusher plate.	48
13 Product 6 Firing plate 3 Spacing 10, Layer height mm	20
14 Height on firing plate	260mm
15 Pushing speed mm/min	5.787037037

2. Furnace body design specifications

