

Fully Automatic Block Production Line

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| 1. Cement Silo | 16. Elevator |
| 2. Batching Machine | 17. Finger Cart |
| 3. Wheel Loader | 18. Lowerator |
| 4. Screw Conveyor | 19. Lower Board Conveyor |
| 5. Cement Scale | 20. Pallet Cleaning Machine |
| 6. Pigment Mixer | 21. Pallet Turnover |
| 7. Base Material Mixer | 22. Cuber |
| 8. PLC Controller | 23. Pre-cuber Device |
| 9. Mixing Platform | 24. Block Scraping Machine |
| 10. Belt Conveyor for Base Material | 25. Finished Goods to Yard Conveyor |
| 11. Belt Conveyor for Pigment | 26. Pallet Return Device |
| 12. Block Making machine | 27. Industry Overpass |
| 13. Color Feeding System | 28. Pallet Storage Device |
| 14. Control Room | 29. Forklift |
| 15. Green Block Conveyor | 30. Curing Room |

Equipment Functions and Configuration:

- 1) Modular line arrangement: making XH-6, 8, 10 model table-vibration series mainframes as the core, line arrangement available not only for single machine but also dual machines, or joint line arrangement for different machine models to satisfy the different investment scale of different customers, different products performance, specifications size requirement. The height is from 50mm to 200mm, productive tempo is from 15 to 25 seconds.
- 2) Introduce foreign advanced technology and use domestic technology, accumulated experience for more than 10 years to independently make innovation development.
- 3) Advanced overall performance, a wide range of applications, stable and reliable quality, convenient operation and maintenance.
- 4) All production line is controlled by integrated intelligent system, to use CC-LINK network or data transmission, data processing is fast, accurate. It can make real time monitoring on the state of all parts and fault alarm. It can make remote network access to facilitate producer to timely adjust process, set parameter, modify and upgrade system, all of which are in great convenience.



Main Technical Parameters of Series Full Automatic Production Line:

- 1) Elevation of convection kiln: 5700mm, plant height: 800mm, equipment elevation in highest standard: 5600mm, design maximum elevation: 5300mm (except cement silo)
- 2) Equipment installation covers an area of about 600 square meters, conservation kiln occupies an area of about 700 square meters, the entire production line work area is 1,300 square meters (excluding material yard and block yard)
- 3) Equipment installed capacity: 160-180 (kw)
- 4) The total weight of equipment: about 120-130 (tons)
- 5) Annual output (production in two shifts): 80,000 cubic meters-100000 cubic meters