

Operating Equipment

- IBRICK Operating equipment mainly has fan, hydraulic ferry car, dragger, hydraulic pusher and hydraulic stepper.
- The fan ensures the heating supply and moisture releasing, and also ensures the air supply, moisture releasing and smoke discharging of firing kiln and cooling of kiln car.
- According to the different functions, we have moisture-releasing fan, heating fan, smoke-releasing fan, cooling fan and combustion fan.
- Ferry car, dragger, pusher and stepper ensure the safe operation of the kiln cart in the kiln.

Product Information

Fan

Heating Fan



It is used for sending the heat of firing kiln to drying chamber and supplying the required heat for drying chamber.

Moisture releasing Fan



Moisture-releasing fan is divided into main moisture-releasing fan and subsidiary moisture-releasing fan. Main moisture-releasing fan is the major moisture-releasing fan of drying chamber and subsidiary moisture-releasing fan is the subsidiary fan for host main moisture-releasing fan. Moisture-releasing fan is installed at the roof of drying chamber; it is used for discharging the moisture and dampness in the drying chamber to ensure the drying quality.

Combustion Fan



Installed at the firing zone of tunnel kiln and supplies enough oxygen for firing.

Smoke-releasing Fan

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Smoke-releasing fan is installed at the above of firing zone in the kiln for discharging the smoke in the firing zone.

Cooling Fan



According to the different functions, the cooling fan can be divided into cooling fan at kiln door and cooling fan under the car. Cooling fan at kiln door is installed at the car outlet end for rapid cooling the fired bricks, and the blown air will ensure the air pressure balance of kiln body. Cooling fan under the car is installed under the car for cooling kiln car and preventing the kiln car from being burned out with high temperature.

Hydraulic Ferry Car



The car used for ferrying the kiln car and for making the kiln car runs freely in the ferry line.

Dragger



The machine is used at the outlet end of big section drying chamber and tunnel kiln, it can pull the dried and fired car from the drying chamber or tunnel kiln to the ferry car.

Hydraulic Pusher



Hydraulic pusher is used at the drying chamber and firing kiln, it will push the kiln car into drying chamber or tunnel kiln for drying or firing.

Hydraulic Stepper



Hydraulic stepper is used at the stacking process; it pushes the kiln car to cooperate with the stacker works or manual stacking.

IBRICK supply full sets of axial flow fan and centrifugal fan and complete set of automatic kiln running equipment for you. Our products sell well in domestic and also in Iraq, Vietnam, Cambodia, Malaysia, Kazakhstan, Kyrgyzstan, Bangladesh, India, Russia, Peru and other countries.

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