| | | | |
|---|---|---|---|
| Model | KTE-1000 | Control | Industrial computer |
| Heating zones qty. | Top 10, bottom 10 | Cooling zones qty. | Top 2 |
| Heating zone length | 3892mm | Current plate structure | Galvanized plate |
| Weight | APPROX:2615KG | Dimension | 6135*1360*1490mm |
| Exhaust capacity | 10㎥/min×2 | Color | Grey |
| ***Control system*** | | | |
| Electricity supply | 3P 380V/220V 50/60HZ | Temp. control range | Room temp. ~ 300℃ |
| Total power | 80KW | Temp. control accuracy | ±1℃ (static state) |
| Start power | 36KW | Temp. control method | PID +SSR drive+PLC |
| Consumption power | 12KW | PCB temperature deviation | ±1.5℃ |
| Speed control | Inverter adjust | Data save | All profiles can be saved |
| Warm up time | Apprx.30minute | Abnormal alarm | High, low temp. alarm |
| ***Conveying system*** | | | |
| Rail structure | 2 Sectional structure | Rail fixed method | Front fix |
| Chain | Stuck-free type | Conveying height | 900±20mm |
| PCB Max. width | 50-400mm | Conveying method | Mesh+ chain |
| Component height | Top/bottom 25mm | Conveying speed | 300-2000mm |
| Conveying direction | Left to right | Lubrication | Automatic |
| ***Cooling system*** | | | |
| Cooling method | Forced air cooling | | |

| ***Heating features*** | |
|---|---|
| Heating zones | Top 10,bottom 10 (3892mm) can meet the need of the peak lead-free technique. |
| Cooling zones | After cool down by air, PCB temp. is ≤70℃ at the exit. |
| Warm up time | From the normal temp. to set temp, approximate 30 minutes. |
| Warm up sequence | Warm up from two side, save the power and time |
| Profile transfer time | < 15min |
| Heating zone temp. control accuracy | ±1℃ |
| PCB temp. deviation | ±1.5℃ |
| Empty to full load heat balance respond time | ≤20 s |