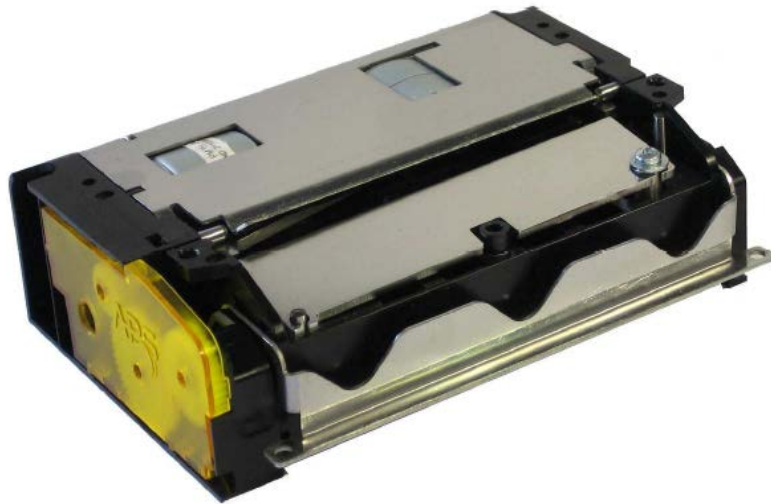


# HSP 3000 Series

## Ultra High Speed - Heavy Duty Thermal Printers



80 mm  
to 82.5 mm



### Options

- Controller Board
- Label / black mark detection sensor
- Double Opto
- 300 dpi

### Applications

- ATM
- Data terminals
- Gaming and lottery
- Gas pumps
- Kiosks
- Parking meters
- Ticketing
- Vending machines

### Features

- 80 or 82.5 mm paper width
- 86 mm paper for railway ticketing application (HSP3208-86)
- Available with 12 V operating voltage (HSP312B)
- Available 300 dpi resolution HSP3512 version
- 200 km printing life
- Full easy loading printer & cutter
- 2 million cuts life (full & partial)
- Extended temperature range
- Near straight paper path for thick paper printing
- Non-sparking design for gas pumps
- Ability to add external presenter and sensor control
- Kiosk or Easy Loading\* versions (same principle as for 2" mechanisms)

### Specifications

### HSP3208-KS/EL

Printing method	Thermal
Number of dots	640
Resolution (dots/mm)	8
Printing width (mm)	80
Paper width (mm)	80 to 82.5
Max. paper thickness (µm)	220
Paper loading	Easy Loading
Printing speed (mm/s)	300 (11.8 ips) **
Paper detection	Opto sensor
Temperature detection	Thermistor
Cover-open detection	Mechanical switch
Voltage range (Logic   Head)	5 or 3.3V   24 V ± 10%
Dot resistance (Ohm)	650 ±3%
Energy per dot (mJ)	0.13
Weight (g)	450
Printing life/reliability	200 km/150M pulses
Cutter life	2M cuts
Operating temperature (°C)	-20 to +70 °C
Operating humidity (%)	10 to 90 (no condensation)
Dimensions (WxDxH mm)	125x82.5x35.7
Cutter speed (default mode)	220 µm in 550 ms
Cutter speed (high speed)	80 µm in 240 ms
Cutter detection	Mechanical switch
Black mark sensor position	Left or right
Printer version	Kiosk or Easy Loading*



\*HSP3208 Kiosk Version



\*HSP3208 Easy Loading Version

\*\*under certain driving conditions & using recommended paper