LIEB

SMIF LOAD PORT

LP200-SMIF W GEN2 | LP200-SMIF W GEN2 T

LP200-SMIF W GEN2 T

LP200-SMIF W GEN2

FEATURES

- Reliable 100 µm thin wafer mapping (single, double and cross)
- ISO Class 3 or better
- SEMI E117, E157, S2, S8, E19.4-0417
- Userfriendly modern GUI
- Made in Germany

OPTIONS

- Up to 2 RFID
- SEMI E84 communication

TECHNICAL DATA SHEET

Versions:
- LP200-SMIF W GEN2 (for bolts mounting)
- LP200-SMIF W GEN2 T (table version)

Pod interface:
Opens 200 mm SMIF Pods with SEMI E100 door

Cassette types:
SMIF pods for 13 or 25 slot wafer cassettes

Scannable Substrate Materials:
Si, SiC, Glass, III-V Materials, metals, epoxy mold material

Cleanliness:
ISO Class 3 or better

Active fan:
Allowing for self cleaning air flow

Z-axes:
275 mm max stroke

Sensor for:
- Pod presence (Safety level D)
- Hood presence (Safety level D)
- Wafer protusion
- Frame occupied for safe OHT/AGV loading

Wafer detection:
- Reliable wafer mapping for 100 µm - 1.0 mm thick wafer
- Single slotted
- Double slotted
- Cross slotted

Info pads:
4 info pads to define different pod types

Status LEDs:
- Power within frame
- Standard 8-LED-Display clear visible from distance
  - Manual
  - Auto
  - Present
  - Placed
  - Load
  - Unload
  - Reserved
  - Alarm

Communication:
- Telnet (over TC Port 22)
- GUI (via browser IPv4:9090)

Connections:
- RJ45 (Ethernet)
- 5-pole electrical connector 7/8“
- SMA connector for RFID reader connection optional

Consumption:
Operating voltage: 24 V DC
Max. current consumption: < 4 A

In compliance to:

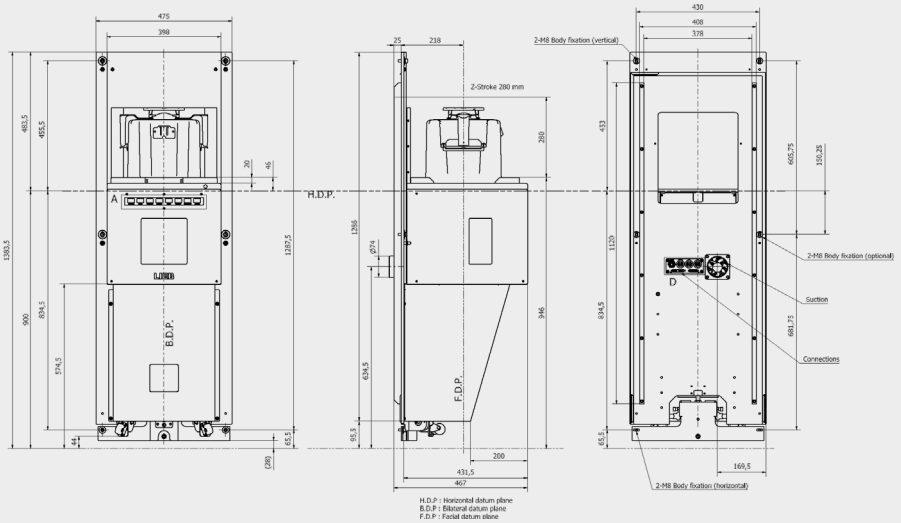
EU-guidelines:
- Machinery regulation EU 2023/1230
- EMC guideline 2014/30/EU

SEMI-guidelines:
- S2, S8
- E19.4-0417, E117, E157, E100
- E84 optional

Dimensions in mm:
- LP200-SMIF W GEN2: 475 (W) x 442 (D) x 1356 (H)
- LP200-SMIF W GEN2 T: 398 (W) x 432 (D) x 809 (H)

Weight:
~85 kg for LP200-SMIF W GEN2
~45 kg for LP200-SMIF W GEN2 T

Available options:
- Up to 2 RFID antennas (to read left, right, back or front)
- SEMI E84 communication

DIMENSIONS

LP200-SMIF GEN2