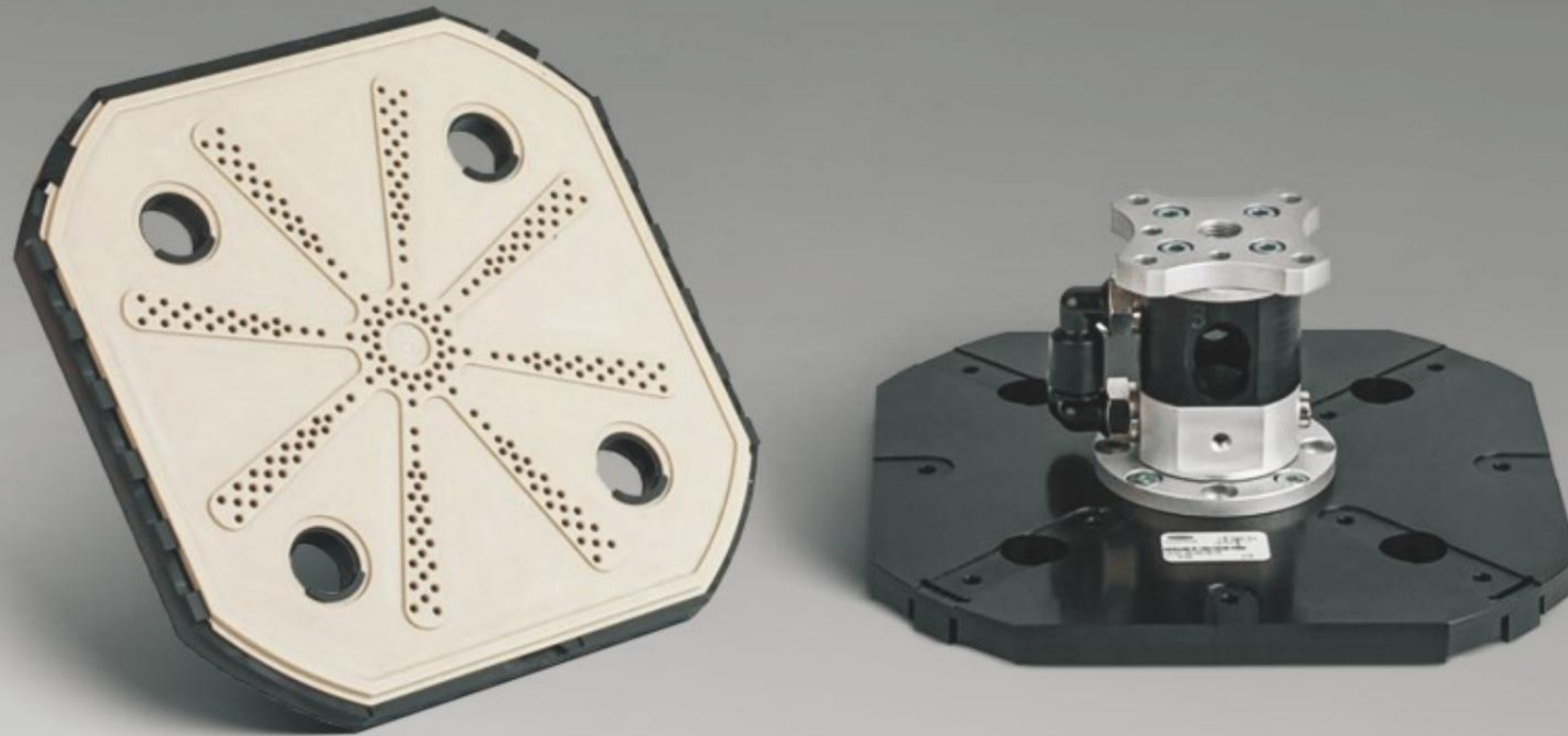


# PMK series

## Integrated vacuum system-Photovoltaic type

### 集成式真空系统-光伏型



光伏吸盘是采用气动操作的专用夹具，带有集成式真空发生装置。它们非常适用于搬运敏感零件，尤其是光伏行业专用组件（如硅片和电池）。由于体积流量较高，真空度适中，光伏吸盘非常适用于这类敏感的应用领域。

Photovoltaic chucks are pneumatically operated special fixtures with integrated vacuum generators. They are ideal for handling sensitive parts, especially for PV industry-specific components such as silicon wafers and batteries. Due to the high volumetric flow rate and moderate vacuum, photovoltaic chucks are ideal for this type of sensitive application.

### 型号表示方式 Model representation

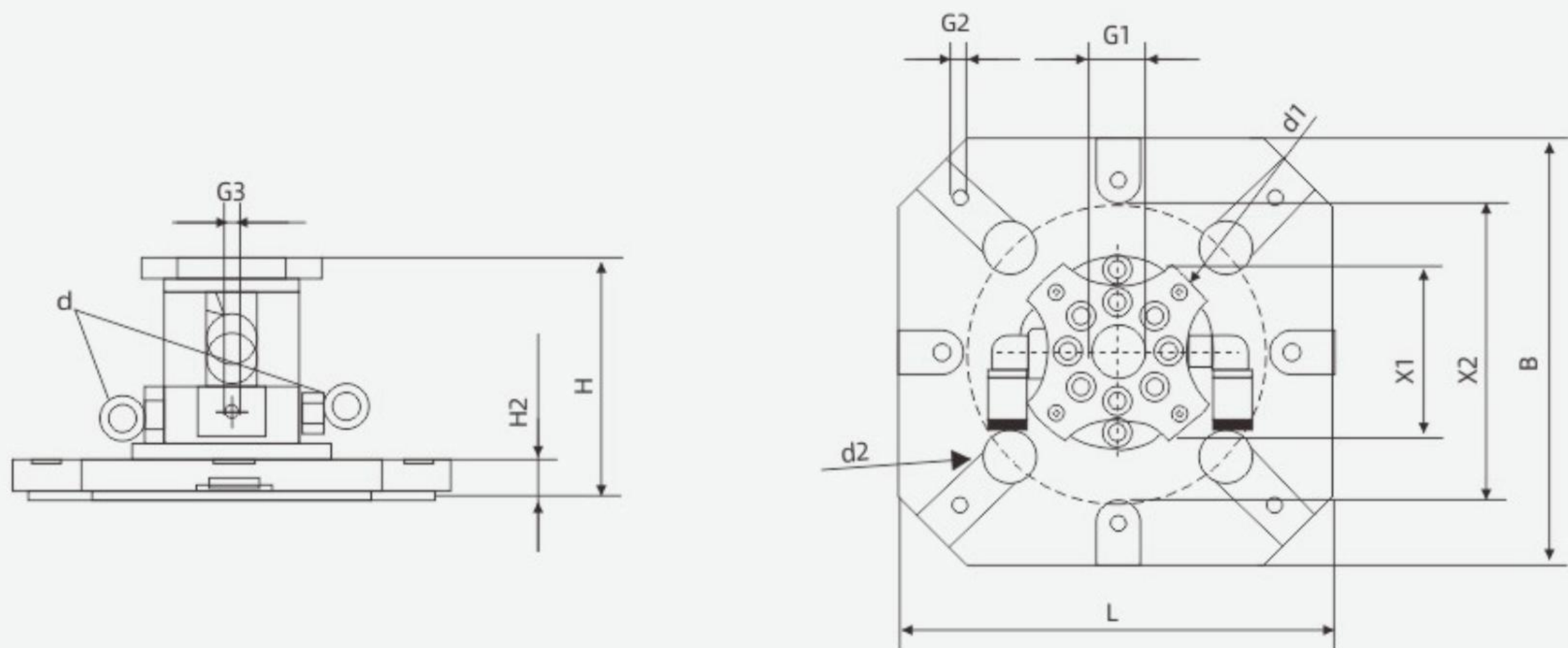
## PMK - 115×115

① 吸盘大小  
Suction cup size

直径 Diameter

115X115

146X146



| L     | d   | D1    | D2   | G1       | G2    | G3    | H    | H2     | B     | X1   | X2      |
|-------|-----|-------|------|----------|-------|-------|------|--------|-------|------|---------|
| 146mm | 6mm | 4.5mm | 14mm | G1/8" -F | M4-IG | M4-IG | 65mm | 10.5mm | 146mm | 46mm | 110.6mm |
| 115mm | 6mm | 4.5mm | 14mm | G1/8" -F | M4-IG | M4-IG | 65mm | 10.5mm | 115mm | 46mm | 80.6mm  |

光伏吸盘的优点 Advantages of photovoltaic chucks

- 快速和精确的搬运
- 很短的搬运循环时间（ < 1秒）
- 很高的搬运效率和元件质量
- 较高的体积流量， 较低的耗气量
- 集成式真空发生装置含有排气功能
- 吸入空气的可控排放（可选）
- Fast and precise handling
- Very short handling cycle time (<1 second)
- High handling efficiency and component quality
- Higher volume flow, lower air consumption
- Integrated vacuum generator with exhaust function
- Controlled emissions of inhaled air (optional)

光伏吸盘的典型应用领域 Typical application areas for photovoltaic chucks

- 搬运光伏组件
- 搬运电极、分离器和电池
- 搬运敏感元件
- Handling photovoltaic modules
- Carrying electrodes, separators and batteries
- Handling sensitive components

技术数据 Technical data

| 压力范围（工作压力）<br>Pressure range (working pressure) | 大小<br>Size | 类型弹射器<br>Type catapult | 抽速 Pumping speed<br>立方米/小时<br>Cubic meter / hour | 耗气量 Air consumption<br>立方米/小时<br>Cubic meter / hour | 工作温度<br>Operating temperature | 重量<br>Weight      |
|-------------------------------------------------|------------|------------------------|--------------------------------------------------|-----------------------------------------------------|-------------------------------|-------------------|
| 1.0...3.0吧<br>1.0... 3.0, right                 | 6          | 侧面排气<br>Side exhaust   | 160...235升/分钟<br>160... 235 liters/minute        | 60...120升/分钟<br>60... 120 liters/minute             | ℃下<br>At °C                   | 310克<br>310 grams |