# VK10-K120-19

## Master of its class

VK10-K120-19 is the head with the largest contact surface in the VK10 series. The contact surface is at least 120 mm; this shows that high forces are at work in the operating environment of the VK10-K120-19.
The strapping head has been designed to secure pallets and profiles and is therefore considered a loyal companion in the building materials and timber industry. The generated tensioning force of up to 3,200 N acts on polyester straps with maximum dimensions of 19 x 1.27 mm.
As with all VK120 heads, joining is accomplished with a heater blade. A special feature of this model is the monitored welding temperature. The harsh industrial use can do no harm to the VK10-K120-19; it has always been considered extremely reliable and impresses with a robust construction on a VK10 basis. For masterful strapping results in the polyester strap segment.

## Technical Data

| | |
|---|---|
| **Kind of drive** | Electric |
| **Tension force** | max. 3,200 N (depending on strap) |
| **Mains voltage** | 400 V AC / 50 Hz |
| **Control voltage** | 24 V DC |
| **Connected load** | 0.9 kW |
| **Current consumption** | 4 A |
| **Strap conveying speed** | approx. 2.5 m/s (depending on strap thickness)<br>approx. 4.5 m/s (depending on strap thickness) - optional<br>approx. 8.2 ft/s (depending on strap thickness)<br>approx. 14.8 ft/s (depending on strap thickness) - optional |

| | |
|---|---|
| **Dimensions** | 453 x 640 x 450 mm (L x W x H)<br>17.8 x 25.2 x 17.7" (L x W x H) |
| **Weight** | 80 kg 176.4 lb |

## Strap/Joint

| | |
|---|---|
| **Type of strap** | Plastic strap |
| **Strap** | PP<br>PET |
| **Strap width** | 16 mm<br>5/8"<br>16, 19 mm<br>5/8" ; 3/4" |
| **Strap thickness** | 0.75 - 1.10 mm<br>0.03 - 0.043"<br>0.70 - 1.35 mm<br>0.028 - 0.053" |
| **Kind of seal** | Thermo-weld joint |
| **Sealing strength (depending on strap quality, strap dimensions)** | up to 80% of the strap breaking load<br>(depending on the use of the heating control) |

## Minimum bearing area

| | |
|---|---|
| **Expansive package** | 120 mm 4.7" |
| **Slit coil ring** | 130 mm 5.1" |
| **Hexagon pipe bundle** | 130 mm 5.1" |
| **Round package** | Ø 600 mm Ø 23.6" |

## Application

**Common strappings with medium tension force and material strength like chipboards, wooden beam, bricks, metal sheet packages etc.**

MVS™ INDUSTRIES

**Factory Address**
Plot No. G28 & G29, General Park IP,
Sultanpur Medical Devices Park,
Telangana 502 319

**Corporate Address**
Shantha Jubilee, Jubilee Enclave,
HITEC City, Hyderabad,
Telangana 500 081

**Contact** +91 93939 22442
**E-mail** info@acmeirm.com
**Website** www.mvsips.com