

Engraving option for MVPS series



PRODUCT INFORMATION

The engraving option means it is easy to turn the plotters from the MVPS G3 series into full-fledged engraving machines (including vacuum extraction).

Conversion is very straightforward: the spindle unit is affixed on the plotter in place of the pin unit and connected to the vacuum cleaner and a control unit for the spindle. Turning any plotter into a multifunction machine!

Available for all plotters in the MVPS-G3 series
Simple conversion

Same user-friendly ACS software for all output devices

Broad selection of engraving materials One, two and three-layer plastic and aluminum materials

Technical data

RPM: 5000 – 10,000 rpm

Torque: 6 Ncm

Frequency: 83 - 830 Hz

Power consumption: 120 W

Tong: Shaft diameter 0.12 inch

Scope of delivery

- Fixing carriage including adjustment tool
- Engraving spindle with pre-assembled graver 0.02 inch 15°
- Control unit G3 / VEC
- Suction unit G3 / VEC
- Data cable: Controller on the spindle; controller on the plotter;
- Controller on the suction unit
- Power cable
- Suction conduit with plug adapter
- Cable and conduit holder
- Adjustment help
- Device manual

Base plates

Suitable GPU A4 or GPU A3 base plates are listed in the „Accessories“; they are not part of the engraving set scope of delivery.

Optional accessories

- MGS (40-T0/50/60) vacuum plate (part number 86622064)
- MGS (40-T0/50/60) vacuum plate (part number 86622066)
- MGS (40-T0/50/60) suction adapter set (part number 86622062)

SPECIFICATIONS



Type	Part number	Pack qty.
Complete set		
Engraving-Set MVPS G3G	86622030	1.00
Accessories		
Engraving option aluminum case	86621027	1.00
Engraving option / MGS vacuum cleaner bag set	86691072	1.00
Spare parts		
Engraving option control unit G3 VEC	86691038	1.00

Special writing pens for plotter systems



Refillable pen



Disposable pen

PRODUCT INFORMATION

Non-refillable pen

Available in different line thicknesses. Robust action. The pen is activated by assembling and locking the two parts together (pen tip and non-refillable ink cartridge).

Refillable pen

Available in different line thicknesses. The pen can be filled with replaceable cartridges (0.03 fl oz) or with ink from a bottle (1.01 fl oz).

Refillable pen for fabric labels

Special ink pen for textile labels (e.g. EDG type). The pen can be filled with replaceable cartridges (0.03 fl oz) or with ink from a bottle (1.01 fl oz).

Please note: All writing pens (excepting non-refillable ones) are delivered unfilled. Writing ink (bottles/cartridges) must be ordered separately.

SPECIFICATIONS



Type	Part number	Line thickness Ø inch	Color coding	Color	Pack qty.
Disposable pens (full)					
MP2.0 0.18 mm disposable ink pen	86621464	0.01	Red	black	1.00
MP2.0 0.25 mm disposable ink pen	86621466	0.01	White	black	1.00
MP2.0 0.35 mm disposable ink pen	86621468	0.01	Yellow	black	1.00
MP2.0 0.5 mm disposable ink pen	86621472	0.02	Brown	black	1.00
MP2.0 0.7 mm disposable ink pen	86621474	0.03	Blue	black	1.00
MP2.0 1.0 mm disposable ink pen	86621476	0.04	Orange	black	1.00
Refillable pen (empty)					
MP2.0 0.18 ink pen	86621480	0.01	Red	black	1.00
MP2.0 0.25 ink pen	86621481	0.01	White	black	1.00
MP2.0 0.35 ink pen	86621482	0.01	Yellow	black	1.00
MP2.0 0.5 ink pen	86621483	0.02	Brown	black	1.00
MP2.0 0.7 ink pen	86621484	0.03	Blue	black	1.00
MP2.0 1.0 ink pen	86621485	0.04	Orange	black	1.00
Refillable pen for fabric labels (full)					
MP2.0 ink pen labels	86621471	0.01	Purple	black	1.00

Ink and cleaner with accessories



Ink



Cleaner



Cleaning appliances

PRODUCT INFORMATION

Ink

Etching ink for UV stable labeling with the reusable pen. The ink's outstanding feature is its high stability on various forms of media.

Cleaner

The MP2.0 cleaner has been developed for the cleaning and care of the ink pens.

Cleaning set:

Includes the MP2.0 cleaner, a collection beaker and a cleaning cloth.

Cleaning Unit

Includes a collection beaker and a cleaning cloth.

Pressure ball

The pressure ball activates ink flow in the reusable pen after a refill, or longer periods of inactivity.

SPECIFICATIONS



Type	Part number	Pack qty.
MP2 ink for refillable pen		
MP2.0 (5 x 0.03 fl oz) ink cartridge	86621233	1.00
MP2.0 ink (1.02 fl oz)	86621235	1.00
Cleaning fluid for MP2.0 ink		
MP2.0 (2 x 0.34 fl oz) cleaner cartridge	86621244	1.00
MP2.0 1.02 fl oz cleaner	86621243	1.00
Cleaning kit and accessories		
MP2.0 cleaner set (MP2.0 cleaner and cleaning unit)	86621241	1.00
Cleaning Unit (collection beaker and cleaning cloth)	86621238	1.00
Pressure ball	86351050	1.00