



# MOBILE BENCH IRRIGATION

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## Flexible irrigation for mobile bench systems

### Highlights

- Flexible irrigation system
- Built-in final emptying construction

A mobile bench system must enable easy transport of the container benches around in the nursery, for example using conveyor tracks or a crane. To meet this need, Senmatic has developed an irrigation system specially for the mobile bench system, which makes it possible to move the container benches without consideration for the water installation.

### Water filling

A special triangle valve ensures that water filling is carried out in a splash-less jet. The triangle valve is easily mounted with a special bracket on the drain edge.

The triangle valve and the special bracket are designed so that the container bench pushes the valve sideways when lifted by a crane, without damaging the valve or the container bench.

### Draining

For the quick and efficient draining of water, Senmatic has developed the HV siphon valve. With the built-in final emptying construction, the last of the water is able to run out after the siphon effect has stopped. This is also an advantage if there is a lot of dirt on the benches.

The siphon valve is adjustable in steps for optional water filling height.

## SPECIFICATIONS / MOBILE BENCH IRRIGATION

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### Iphon valve HV 3

Draining	4 or 9 L/min
Final emptying	0.2 L/min
Draining height (adjustable)	45 - 60 mm (above sump bottom)
Mounting hole in sump	Min. 26 mm - max. 30 mm
Mounting thread	3/4" RG
Closing function	Yes
Material (valve)	Black nylon
Weight (total)	50 g (0.11 lb)
Length	100 mm (0.39")

### Triangle valve - 8 x 6 mm

Capacity (recommended)	8 - 14 L/min
Water pressure (recommended)	1.3 - 3.3 bar
Material	Black nylon
Length (complete)	650 mm
Weight (complete)	Approx. 350 g (0.77 lb) incl. bracket
Bracket for mounting on the edge	90° C or 110° C
Resistance tube	Ø 8 x 6 mm (0.3 x 0.23"), 2 m (77")

### Triangle valve - 10.5 x 8 mm

Capacity (recommended)	12 - 20 L/min
Water pressure (recommended)	1.3 - 3.3 bar
Material	Black nylon
Length (complete)	650 mm
Weight (complete)	Approx. 350 g (0.77 lb) incl. bracket
Bracket for mounting on the edge	90° C or 110° C
Resistance tube	Ø 10.5 x 8 mm (0.4 x 0.3"), 1.5 m (59")

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