

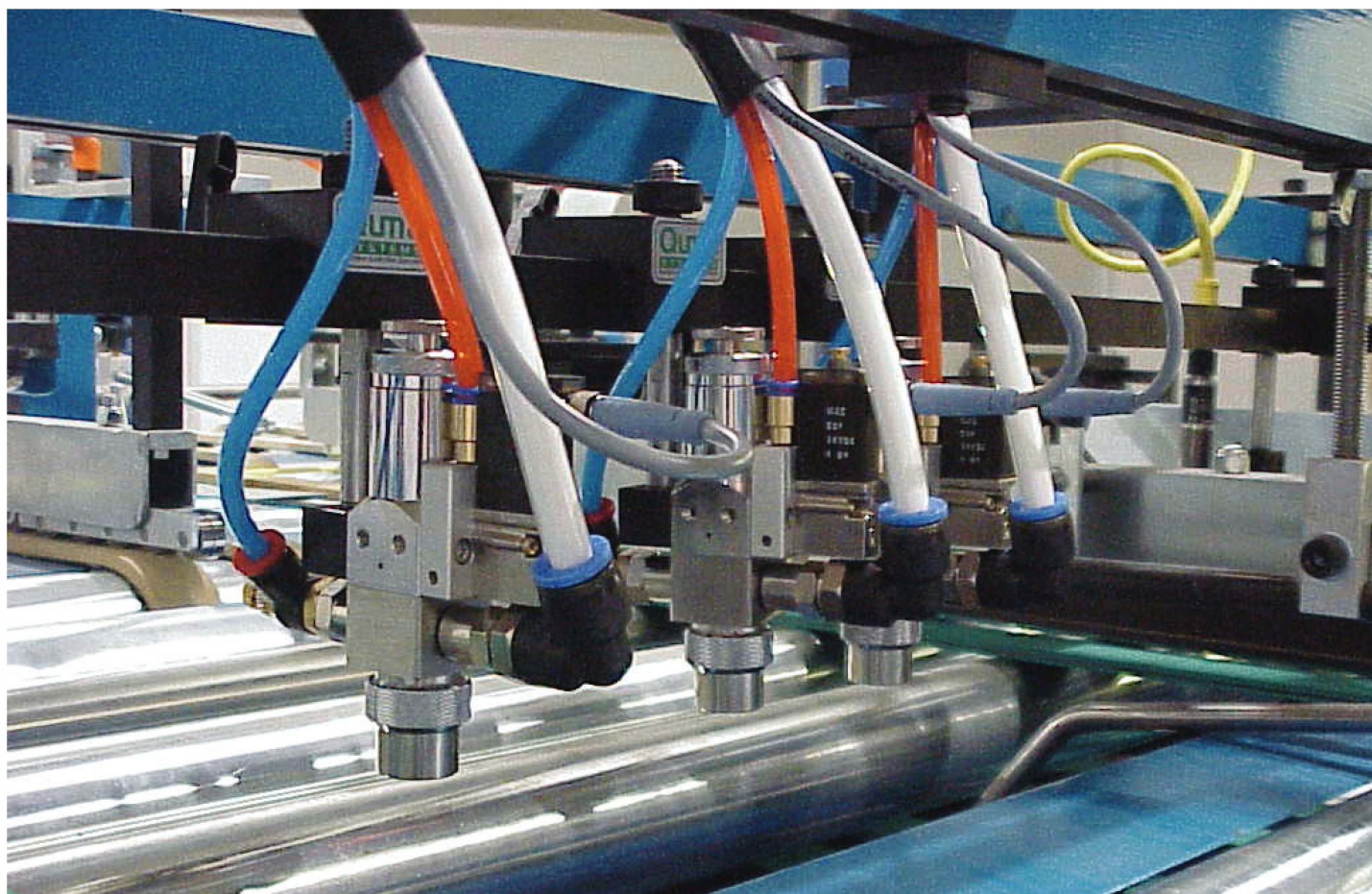


MSC3 Three Channel Control Unit

## Modular System Control Data Sheets - Part 2

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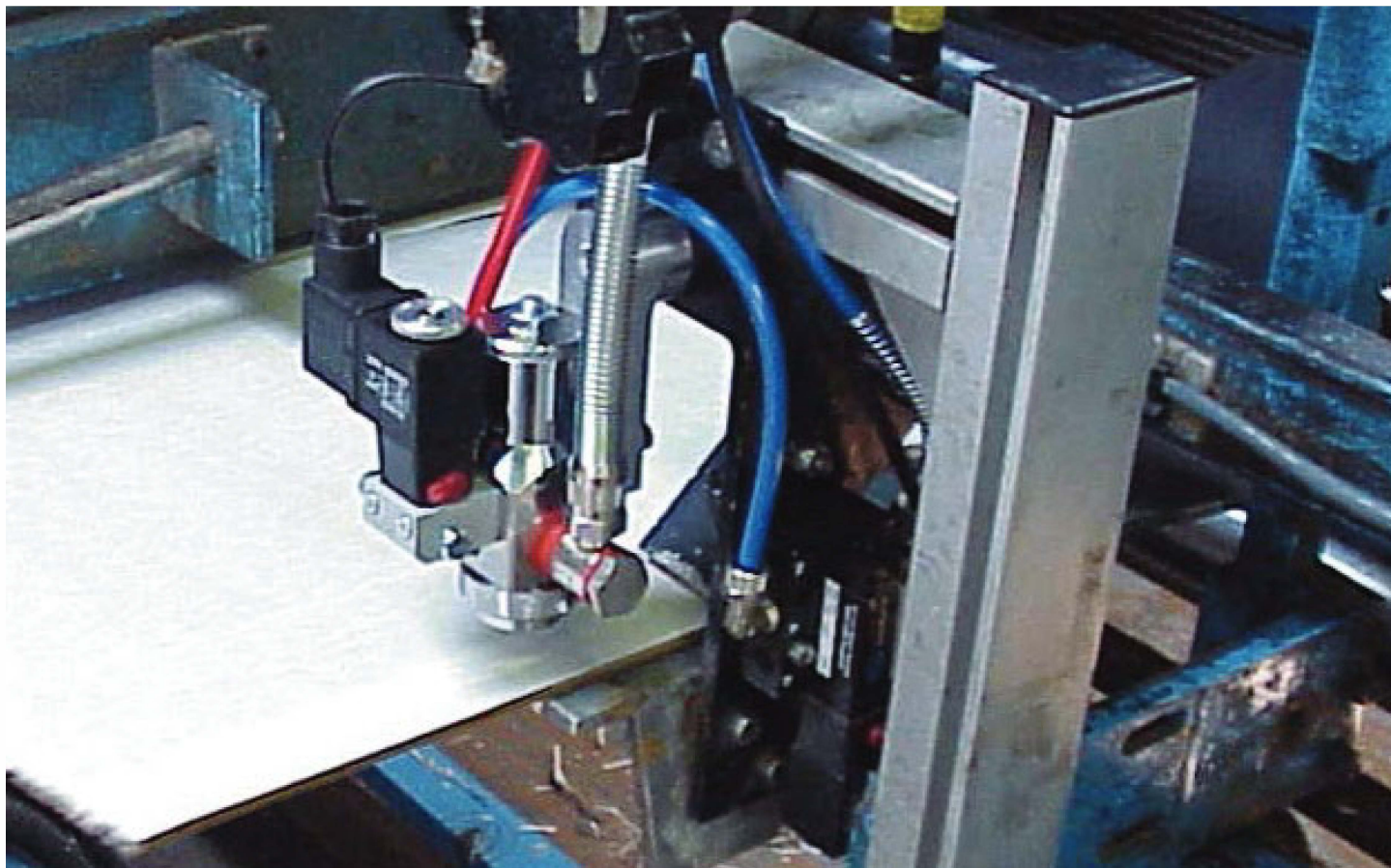
## Specification:

Part No: 310-000

Nozzle size -	0.8 mm max - screw stroke adjuster
Viscosity range -	500-1000 centipoise
Mounting -	2 x M4 tapped holes on 3 faces
Dimensions -	height 115 mm, width 25 mm, length 100 mm (inc. fittings)
Weight -	0.8 Kg
Connections -	Adhesive & Spray Air- 1/8" b s p Piston Air / Solenoid - M 5
Power -	24 V DC , 4 W, MAC Type 34 Valve
Air Pressure -	80 psi (minimum requirement)
Air Volume -	2 - 3 cfm (depending on settings)
Air Quality -	20 micron filtered, unlubricated.

## Features:

- Self cleaning by air after purge
- Variable width pattern by height adjustment
- Fast operation, 15 m/sec response time
- Rated for upto 1,500 cycles per minute
- New 'ratchet' type stroke adjuster
- Concave Air Cap protects needle & nozzle
- Now fitted with MAC type 34 solenoid
- Flexible diaphragm - no sliding seals
- All wetted parts stainless steel
- Fully adjustable mounting available
- Board guide bar available



**Specification:**

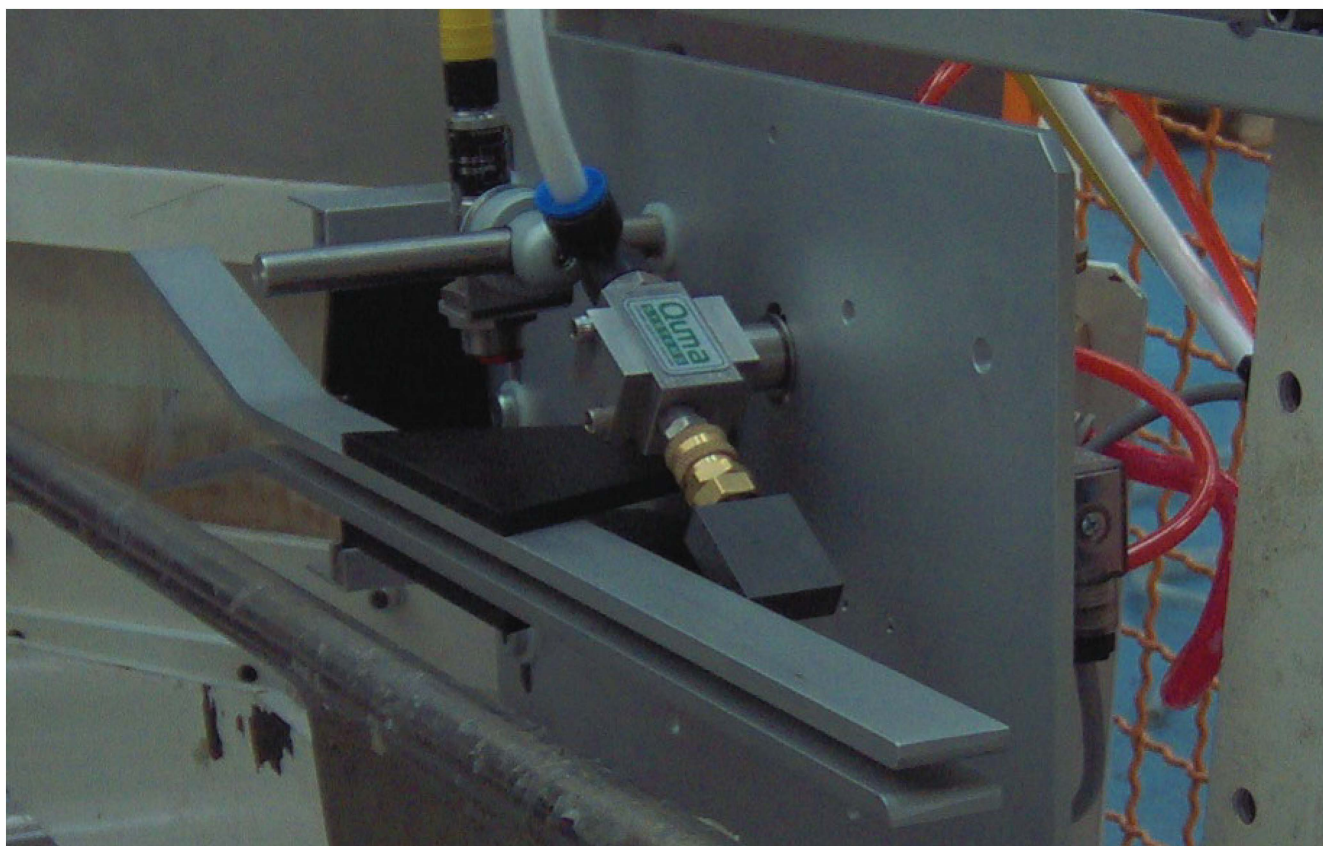
Part No: 303-000

Nozzle size -	0.8 or 2.0 mm - screw stroke adjuster
Viscosity range -	500-1500 centipoise
Mounting -	2 x M5 tapped holes
Dimensions -	height 115 mm, width 37 mm, length 100 mm (inc. fittings)
Weight -	0.9 Kg
Connections -	Adhesive & Spray Air- 1/4" b s p Piston Air / Solenoid - M5
Power -	24 V DC , 2 W, KMMS Valve
Air Pressure -	80 psi (minimum requirement)
Air Volume -	2 - 4 cfm (depending on settings)
Air Quality -	20 micron filtered, unlubricated.

**Features:**

- Self cleaning by air after purge
- Variable width pattern by height adjustment
- 28 m/sec response time
- Rated for upto 1,200 cycles per minute
- Can be fitted with MAC type 34 solenoid for faster response times if required
- Flexible diaphragm - no sliding seals
- All wetted parts stainless steel



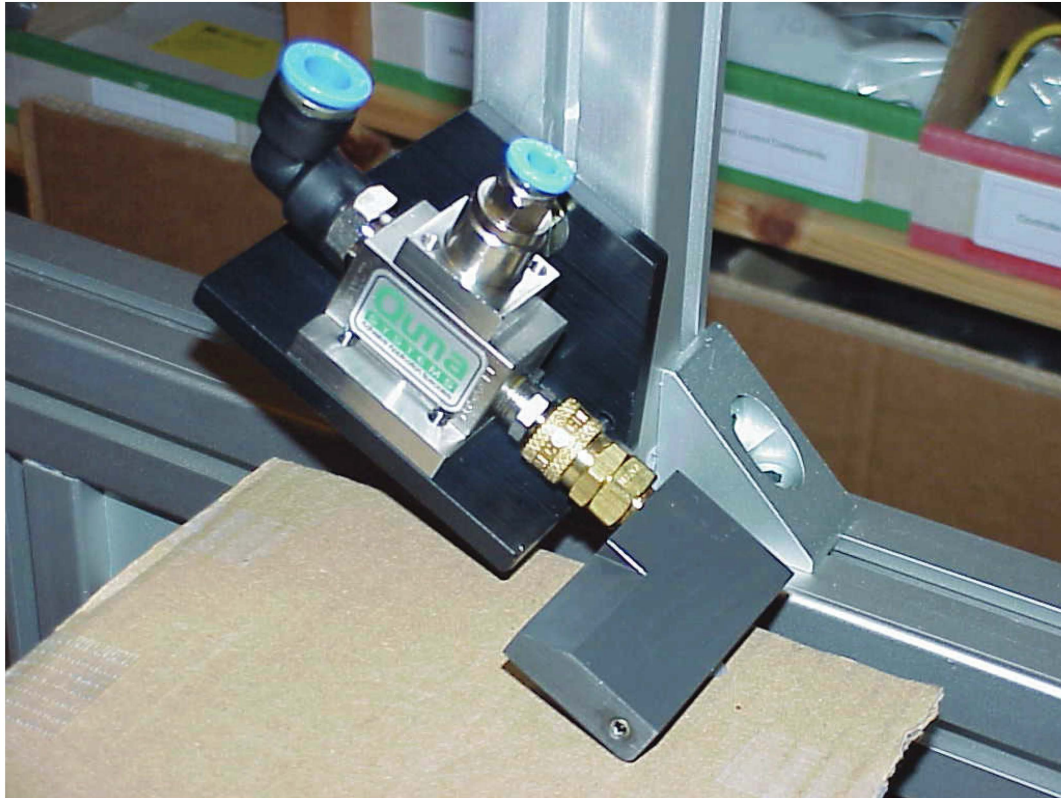


**Specifications:** Part No: 401-100

Viscosity range -	500 to 2000 centipoise
Mounting -	with 12.5 x 60 mm stud
Dimensions -	height 50 mm, width 22 mm, length 60 mm (inc q/r spigot)
Weight -	0.3 Kg
Connections -	Adhesive 1/8" b s p Air 1/4" b s p
Solenoid -	Suggested MAC type 100 valve
Air Pressure -	30 psi minimum
Air Quality -	20 micron filtered, unlubricated
Repair Kit -	Part No 401-020 contains 4 sets of rebuild parts and allen key for dismantling

**Features:**

- All stainless steel body components
- Simple quick release nozzle system
- Interchangeable with earlier AEV 40 valve
- Suitable for high speed case maker operation
- Fast operation, 15 m/sec response time
- Ease strip down for cleaning and repair
- Range of snap on beading tips ( 1 to 5 holes)
- Mounting options:  
Can be supplied as shown with a mounting plate with  
twin board guides for top or bottom glue application.



**Specifications:** Part No: 401-000

Viscosity range -	500 to 2000 centipoise
Mounting -	with Quma base 4 x M4 screws
Dimensions -	height 50 mm, width 22 mm, length 60 mm (inc q/r spigot)
Weight -	0.3 Kg
Connections -	Adhesive 1/8" b s p Air 1/4" b s p
Solenoid -	Suggested MAC type 100 valve
Air Pressure -	30 psi minimum
Air Quality -	20 micron filtered, unlubricated
Repair Kit -	Part No 401-020 contains 4 sets of rebuild parts and allen key for dismantling

**Features:**

- All stainless steel body components
- Simple quick release nozzle system
- Interchangeable with earlier AEV 40 valve
- Suitable for high speed case maker operation
- Fast operation, 15 m/sec response time
- Ease strip down for cleaning and repair
- Range of snap on beading tips ( 1 to 3 holes with RH Offset as shown)
- Mounting options:  
  
Can be supplied with pivot mount as shown in photo graph above as a replacement for the SV5A spray valve installed on Unigluer machines. (Part No: 990-130)



### Beading Tip Specifications:

#### Single Bead Tip

Part No: 451-000 inc. F/M Swivel fitting  
Part No: 451-100 exc. Fitting

#### Two Bead Tip (10 mm centres)

Part No: 452-000 inc. F/M swivel fitting  
Part No: 452-100 exc. Fitting

#### Two Bead Tip (6.5 mm centres)

Part No: 452-300 exc. Fitting

#### Three Bead Tip (6.5 mm centres)

Part No: 453-000 inc. F/M swivel fitting  
Part No: 453-100 exc. Fitting

#### Three Bead Tip (3.5 mm centres)

Part No: 453-200 exc. Fitting

#### Four Bead Tip (5 mm centres)

Part No: 454-000 inc. F/M fitting  
Part No: 454-100 exc. Fitting

#### Five Bead Tip (10 mm centres)

Part No: 455-000 inc. F/M fitting  
Part No: 455-100 exc. Fitting

Beading tips 1 - 4 are 25 mm wide

Beading tip 5 is 50 mm wide

Material is hard anodised aluminium

Cross gallery is blanked with M5 s/s grub screws

### Quick Release Fittings:

#### M/M Swivel fitting

Part No: 401-030

#### M/M Swivel (Fixed) fitting

Part No: 401-035

#### F/F Swivel fitting

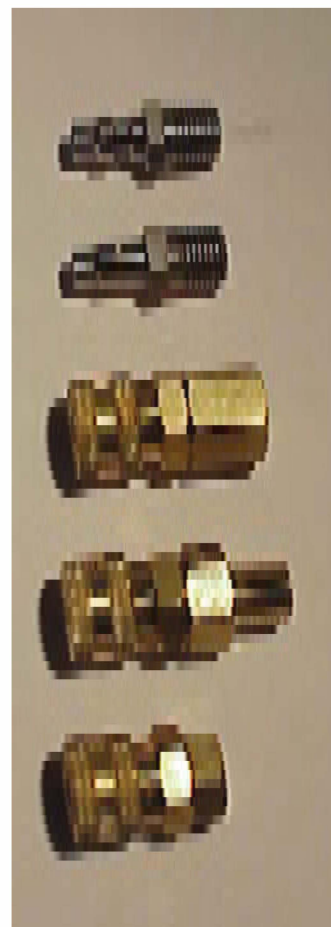
Part No: 401-045

#### F/M Swivel fitting

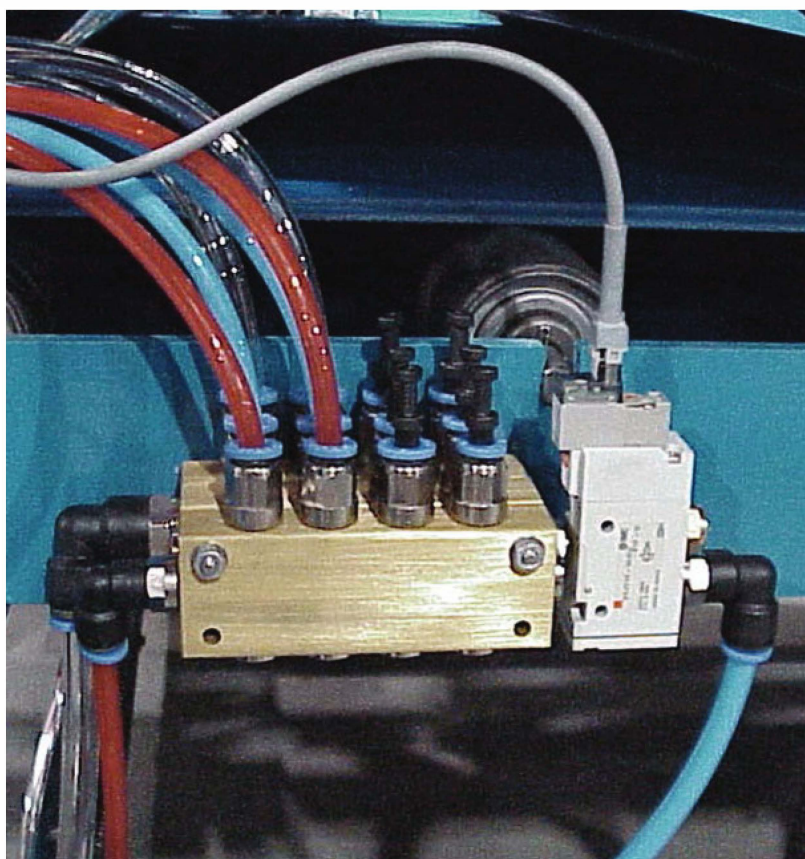
Part No: 401-040

#### Stopper

Part No: 401-050







### Single Channel

The configuration shown is for a single channel spray installation with just two heads supplied.

The spare outlets are plugged so that up to two other heads can be added in the future if needed.

The three manifold blocks supply:

Mains pressure air (red hoses)

Switched spray air (blue hoses)

Adhesive (clear hoses)

Although the parts are available separately the required items will all be supplied as part of the hoses and fittings kit with your system.

### Multi - Channel

The configuration shown is for a three channel spray installation with five heads supplied.

The spare outlets are plugged so that heads may be moved or other heads can be added in the future if needed.

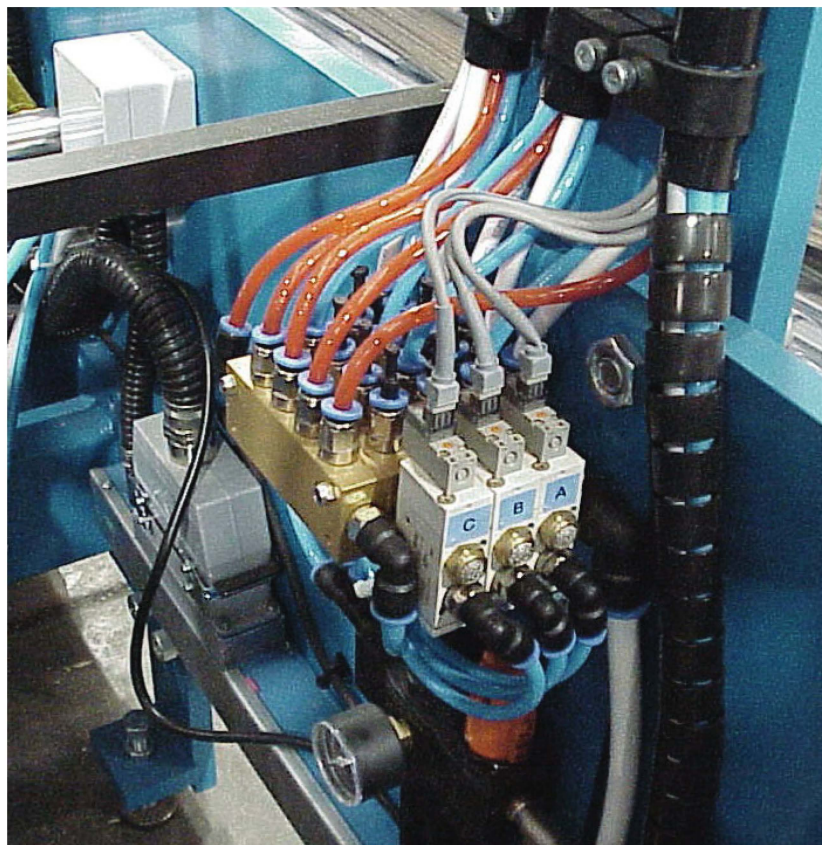
The five manifold blocks supply:

Mains pressure air (red hoses)

3 x Switched spray air (blue hoses)

Adhesive (clear hoses)

Although the parts are available separately the required items will all be supplied as part of the hoses and fittings kit with your system.



Specification:	Part Nos: 630-000 (3 g) and 650-000 (5 g)
Capacity -	11.4 and 19 litres ( 3 and 5 U.S. gallons)
Dimensions -	229 mm diameter ( 9.0"), 390 mm high (3 g) and 572 mm high (5 g)
Shipping Weight -	8 Kg (3 g) and 10 Kg (5 g) approximate weight including fittings
Max Pressure -	140 psi @ 100 degrees F.
Filtration -	80 mesh replaceable screen
Safety Valve -	100 psi valve fitted
Other Valves -	Air inlet, manual pressure outlet and adhesive outlet valves fitted
Regulation -	1/4" bsp pressure regulator fitted with back mounted 0-60 or 0-100 gauge
Complies with Pressure Equipment Directive 97/23/EC	

**Features:**

- Manufactured from T304 stainless Steel
- Easy clean interior & exterior
- Safety internal closure lid
- Moulded rubber base
- Filter screen fitted on flexible dip tube
- Wide opening for easy filling
- 3 & 5 gallon (U.S.) sizes available from stock - 1 and 10 gallon (U.S.) sizes available to special order

