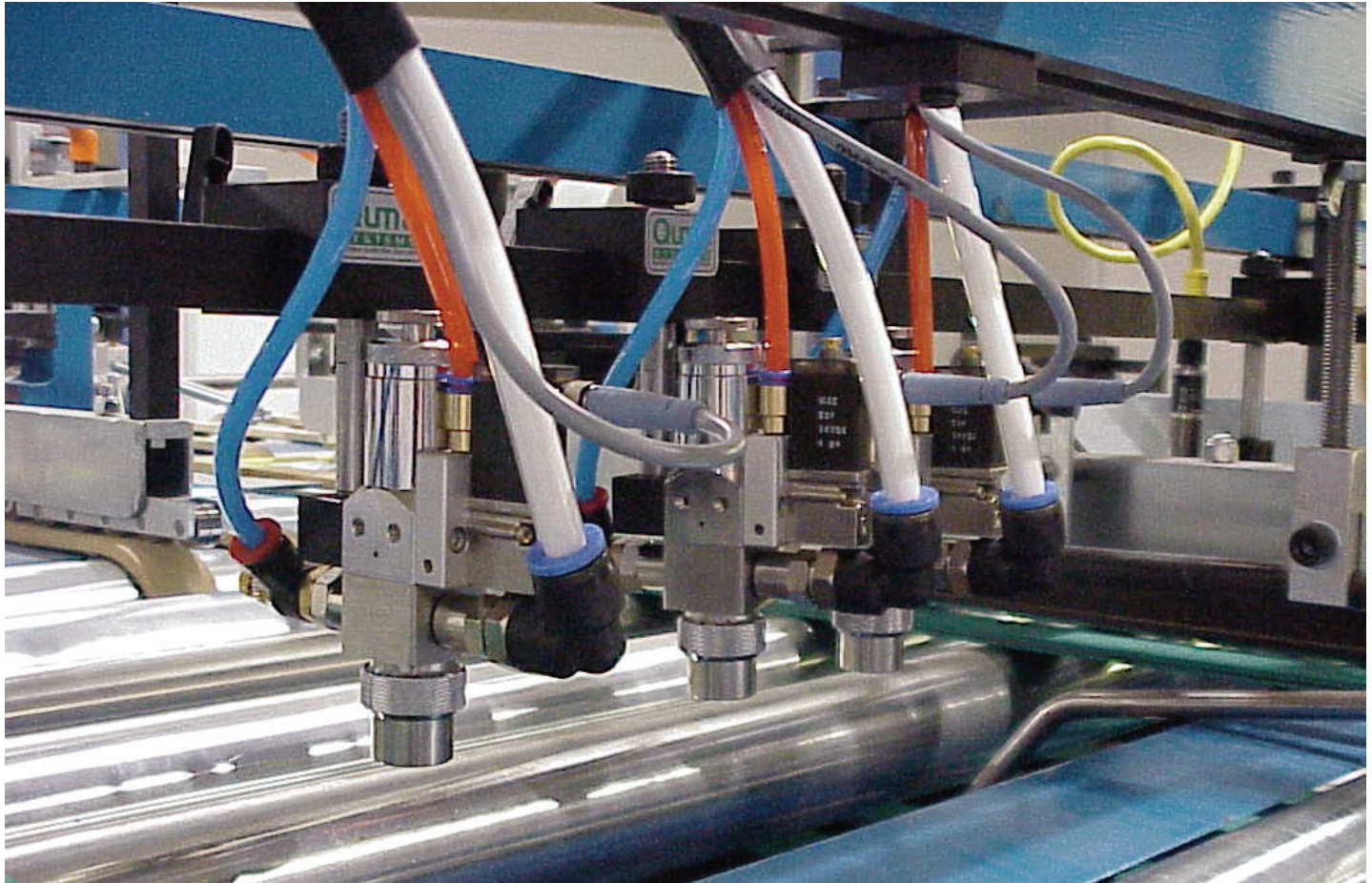




Modular System Control Data Sheets - Part 2

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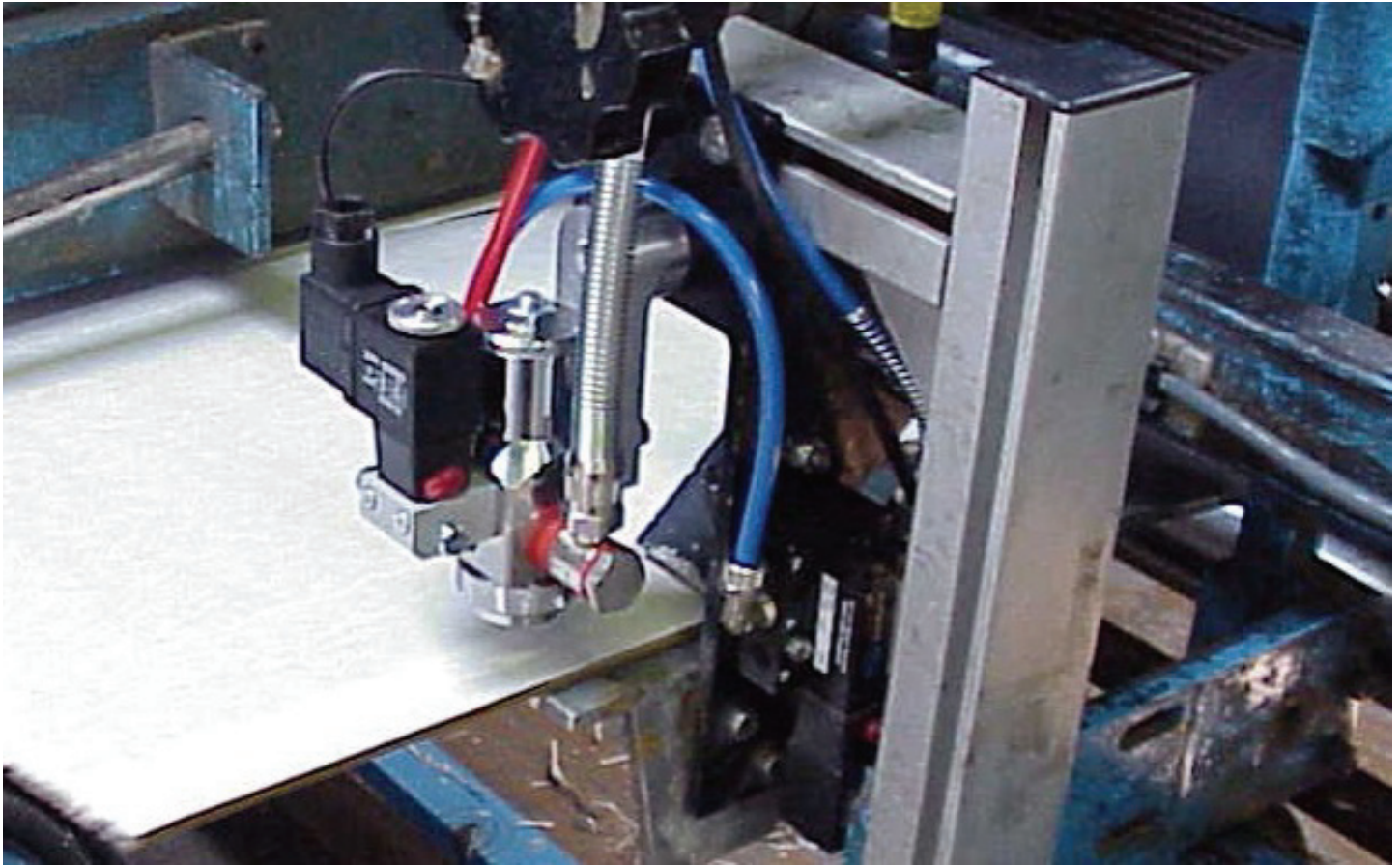
Specification:

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

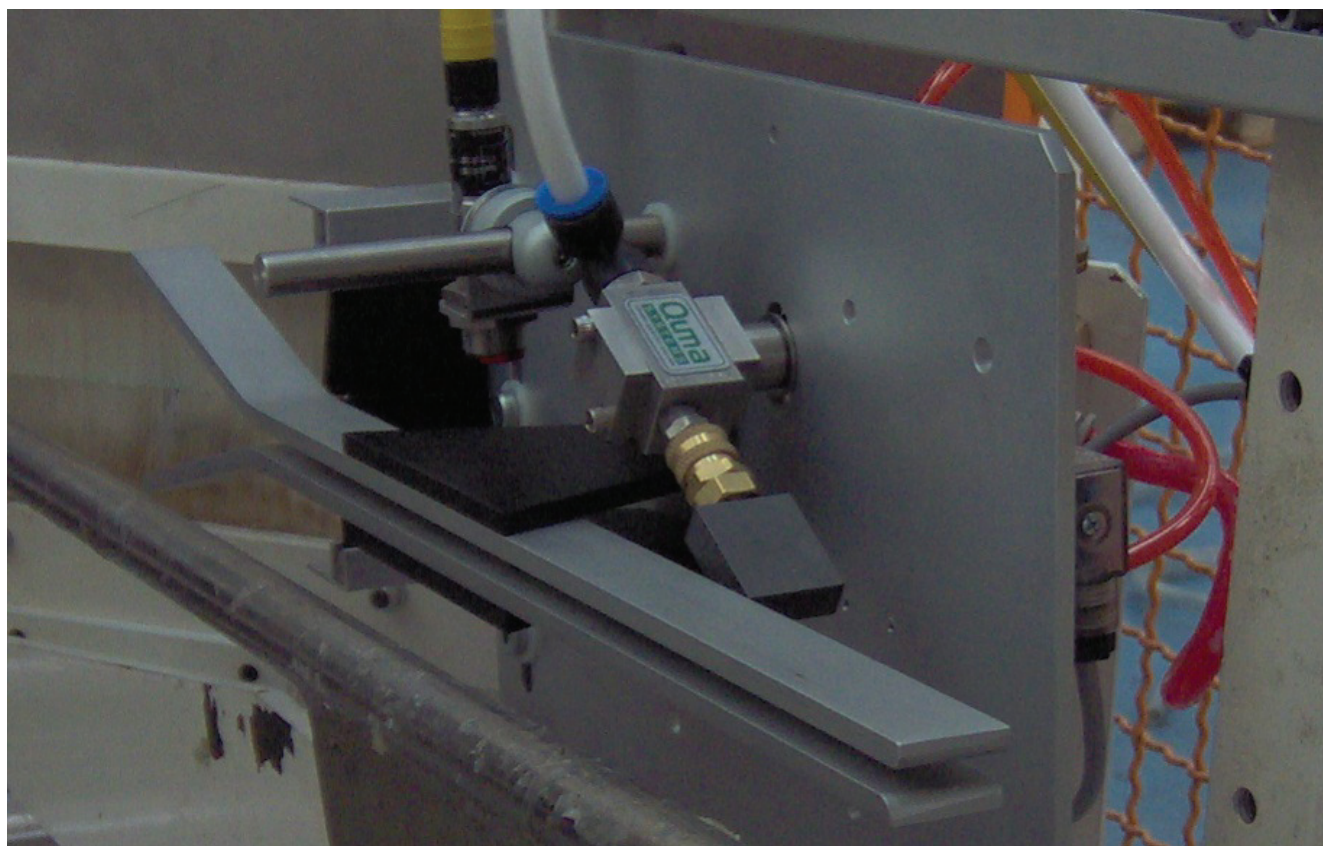


Specification: Part No: 303-000

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

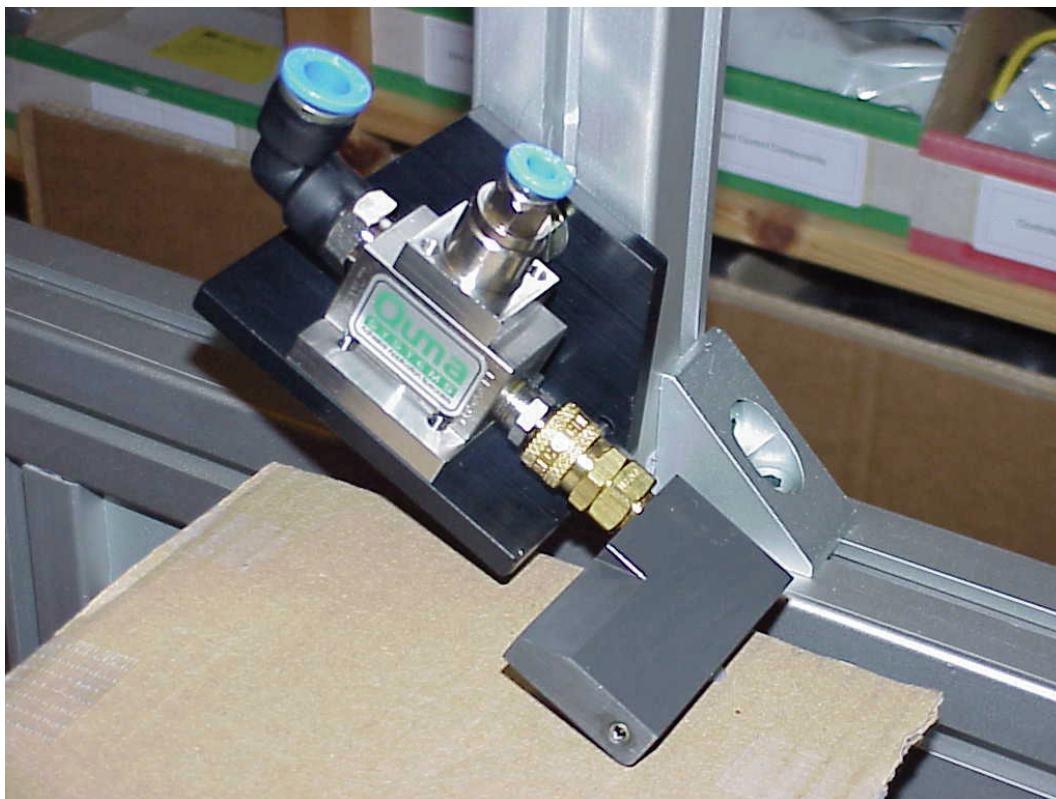


Specifications: Part No: 401-100

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.



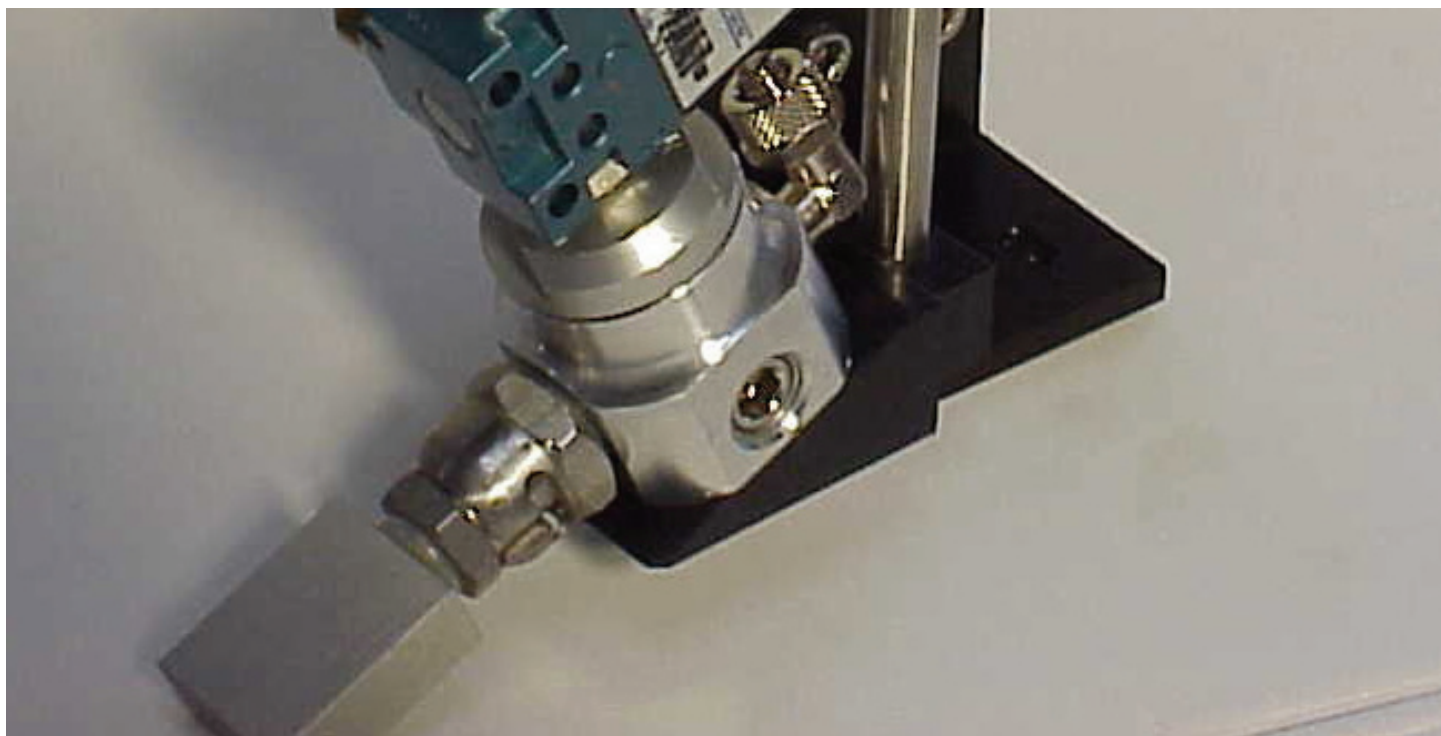
Specifications: Part No: 401-000

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)



Specifications: Part No 400-000

Viscosity range -	500 - 2000 Centipoise	
Mounting -	4 x M4 screws	
Dimensions -	1.5w x 1.5d x 1.78h (inches)	
Weight -	0.2 Kg	
Connections -	Adhesive	1/4" bsp
	Air	1/8" bsp
Solenoid -	MAC type 100 valve	
Air Pressure -	Min 30 psi	
	Max 70 psi	
Air Quality -	20 micron filtered, unlubricated	

Please note that this valve is now available to special order only and we suggest upgrading to the SEV 366 type valve (401-000) when necessary.

Spares & accessories:

Quick change (Female)
Part No. 400-200

Quick change gasket
Part No. 400-230

Quick change (Male)
Part No. 400-210

Valve repair kit contains:
Diaphragm assembly
Poppet valve
Spring
Base plug
Gasket
Part No. 400-100



Date: 1st April '08

Product: AEV 20A Extrusion Valve

Quma
SYSTEMS
Adhesive Application Specialists



AEV 20A Extrusion Valve

Specification:

Material: Aluminium

Max. psi: 30 - 100 psig

Temp. range: 32 - 180 F

Port sizes: 1/8" npt

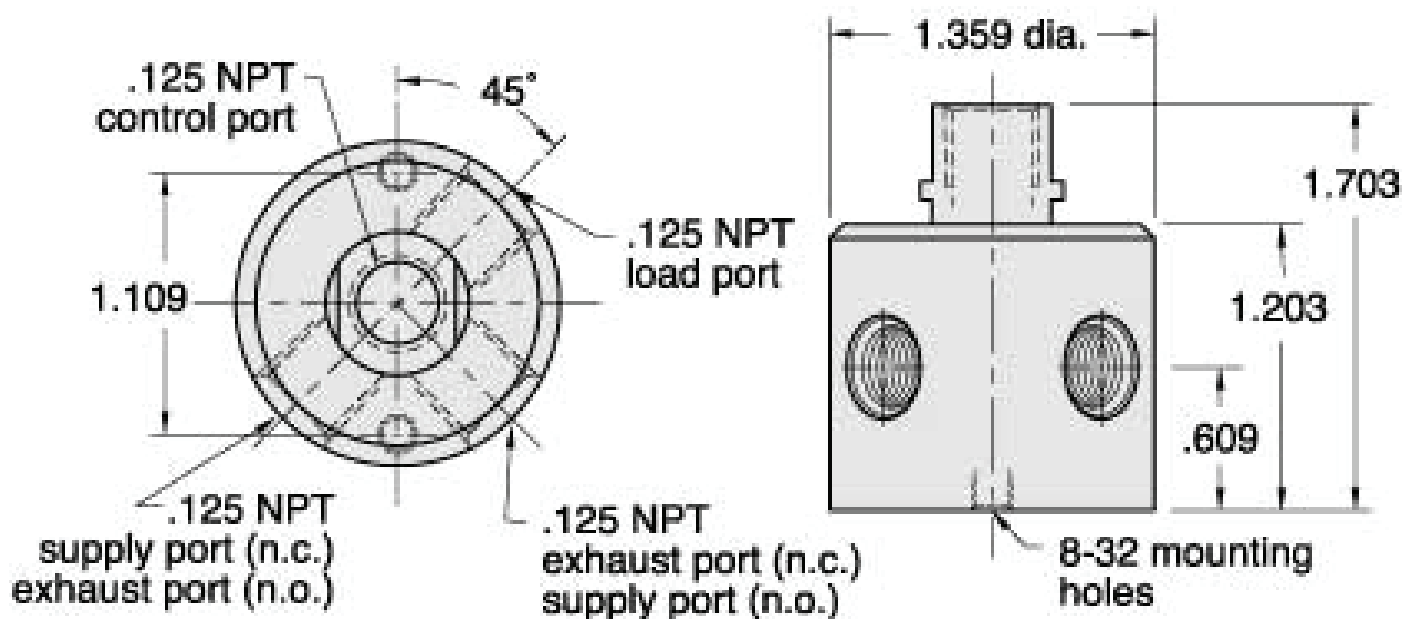
Flow: 15 scfm @ 100 psig

Applications:

Semi - auto folder gluers

Can be fitted with quick release tip fittings - see 'Beading tips' data sheet for further information.

Also suitable for multi-head laminating applications





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

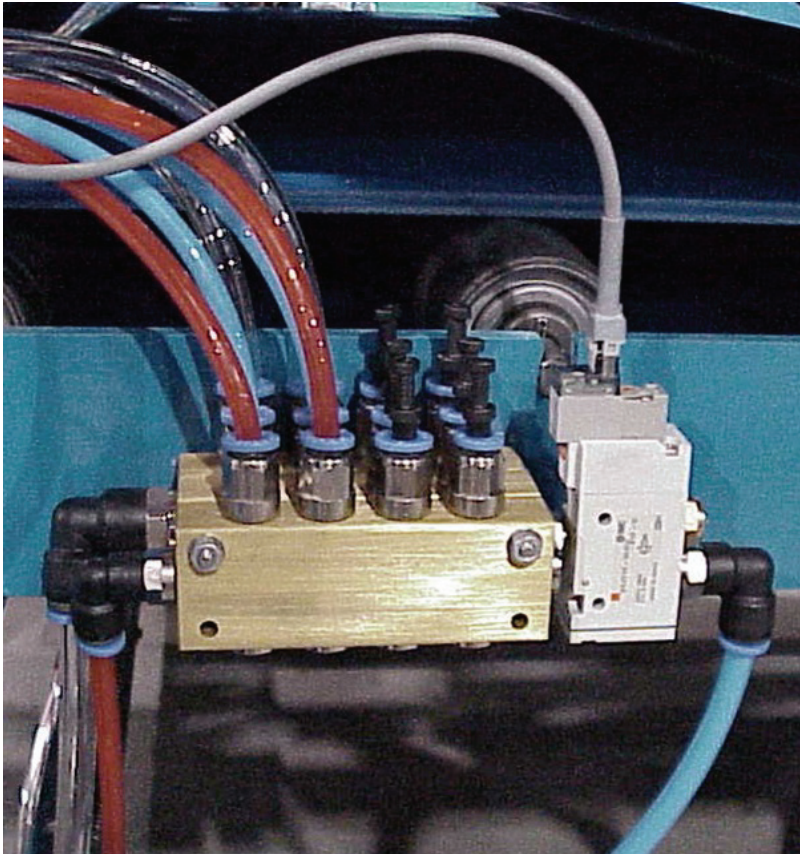
F/M Swivel fitting

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.

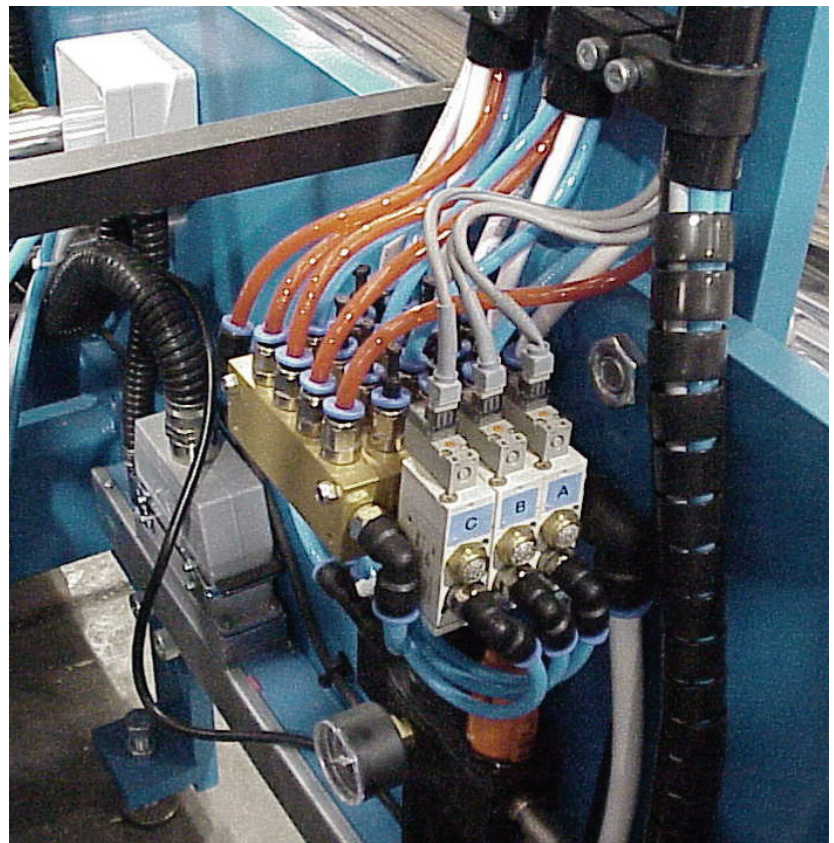
The five manifold blocks supply:

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





Tank Level Table

Specification: Part No: 650-400

Dimensions - 300mm square
60mm high

3 metre cable length

Features -

- Suitable for 3 & 5 gallon stainless tanks
- Easy clean surface
- Easy adjustment with allen key
- NO/NC micro-switch contacts
- Audible or visual warning devices

Material - Stainless steel



Tank Level Float Switch

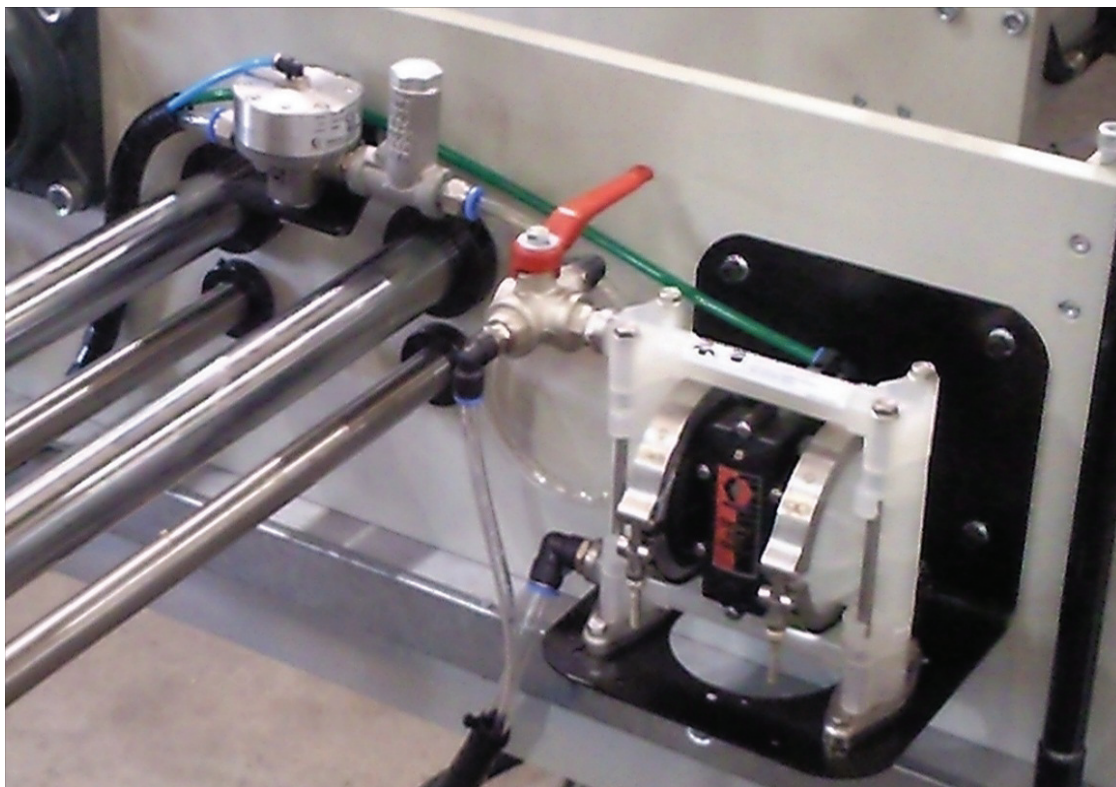
Specification: Part No: 650-300

Dimensions - 600mm long
6.5mm diameter

Features -

- Two pin connector system
- Only available for 5 gallon tanks
- Easy removal for cleaning
- NO/NC reed switch contacts
- Audible or visual warning devices

Material - Stainless steel



Features:

- 3/8" double diaphragm pump for fast changeover cycle
- May be connected to open barrel with a dip tube or 1 tonne bulk container
- In line high pressure filter with 100 mesh replaceable screen
- Fluid pressure regulator to control downstream glue pressure to glue valve
- Pneumatic input from E/P regulator if fitted or manual pressure regulator
- 3 way ball valve for ease of priming and flushing

Specification:

- Pump:** 3/8" ported, polypropylene body, double diaphragm type, 1:1 ratio.
PTFE diaphragms and ball valves
Max working pressure: 100psi
Max air consumption: 5.5 SCFM
Max delivery: 24.6 litres per minute
- Mounting:** Powder coated steel mounting plate
- Filter:** 3/8" ported, 103 bar (1500psi) max with replaceable 60 or 100 screen.
- Regulator:** 3/8" ported, pneumatically operated, aluminium bodied unit.
Max input pressure 40 bar (580psi)
Output pressure 0.4 - 10 bar (145psi)
Flow max 26.6 litres per minute
- Part No:** 606-000 for Pump Kit incl.
Pump and bracket
In-line Filter
Fluid pressure regulator
Pneumatic regulator for pump