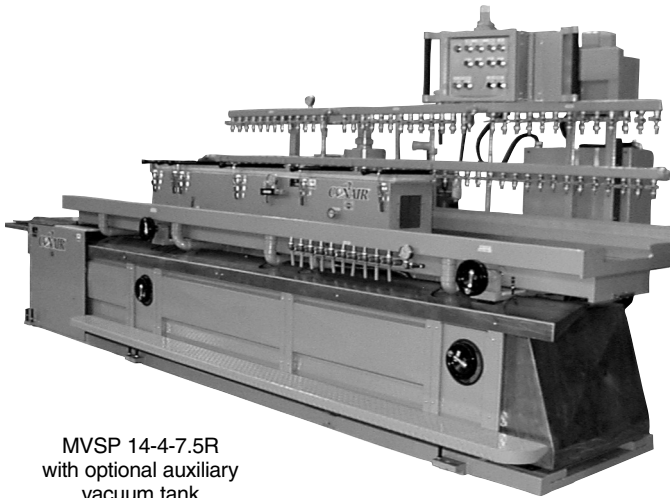


## MVSP SERIES CALIBRATION TABLES

# RELIABLE CALIBRATION WITH IN-LINE FLEXIBILITY



MVSP 14-4-7.5R  
with optional auxiliary  
vacuum tank

MVSP calibration tables provide maximum performance with total flexibility.

Custom placement of tooling rails, auxiliary calibration tanks and number of pumps allow you to run a wide variety of product without major changes to the table.

Standard calibration tables feature multi-bypass valves for pump selection; individual ball valve controls for vacuum and water supply outlets; and threaded, precision-aligned rails to hold calibration tooling firmly in place.

## FOR SMALL AND LARGE CUSTOM PROFILE EXTRUSIONS

With a wide range of models, pump sizes and options, we can configure an MVSP calibration table to support the calibration tools required by a wide range of extrusion applications.

Standard table tray sizes range from 6 to 22 feet long, with widths from 25 1/2 to 30 inches {647.7 to 762 mm}.

Individual ball valves, located within easy reach of the operator, control from 10 to 76 separate vacuum outlets and from 10 to 70 water outlets.

R models have a split-frame design with internal rail system.

Options include an auxiliary vacuum tank; water recirculation system; heat exchanger; left-to-right machine direction; and motorized lateral, longitudinal and height adjustment of the table.

### ■ Custom tooling rail placement

We supply rail spacing as your application requires. That means quick tooling changes using your standard configuration tooling plates.

### ■ Simple operation

All models feature individual, illuminated push-button controls for vacuum start and stop. Pendulum mounting (standard on R models, optional on others) places the controls within easy reach of the operator

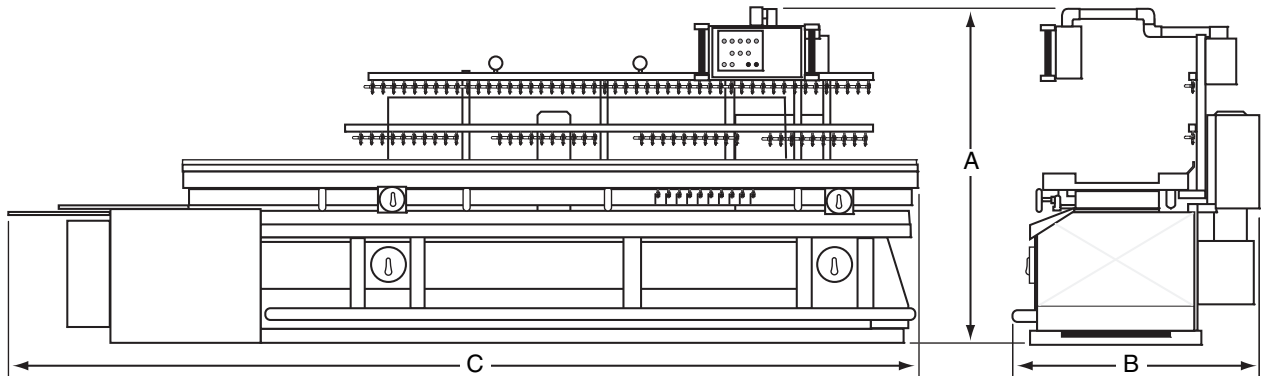
### ■ Long life, low maintenance

Welded steel construction. All components are painted, plated or corrosion resistant. The MVSP calibration table is built to last, without requiring heavy maintenance. Removable access panels on the base frame allow easy access to filters, pumps and motors.

### ■ Easy table adjustment

Motorized longitudinal movement is standard on R models. Motorized lateral, longitudinal and height adjustments are available as an option on all models.

**MVSP SERIES CALIBRATION TABLES**



MODEL	MVSP8-2-5	MVSP10-2-5	MVSP12-2-7.5	MVSP14-4-7.5	MVSP14-4-7.5R	MVSP22-5-7.5R
<b>Performance characteristics</b>						
Table length in. {mm}	96 {2438}	120 {3048}	144 {3658}	168 {4267}	168 {4267}	264 {6706}
Table width in. {mm}	25.5 {648}	25.5 {648}	25.5 {648}	25.5 {648}	30 {762}	30 {762}
Number of vacuum pumps	2	2	2	4	4	5
Vacuum pump Hp {kW}	5 {3.7}	5 {3.7}	7.5 {5.6}	7.5 {5.6}	7.5 {5.6}	7.5 {5.6}
Water recirculation pump Hp {kW}	2 {1.5}	3 {2.2}	5 {3.7}	7.5 {5.6}	7.5 {5.6}	10 {7.5}
Number of vacuum outlets	30	30	30	48	48	76
Number of water outlets	22	22	22	40	40	70
<b>Dimensions inches {mm}</b>						
A - Overall height	72 {1829}	72 {1829}	72 {1829}	72 {1829}	78 {1981}	78 {1981}
B - Overall width *	44 {965}	44 {965}	44 {965}	44 {965}	48 {1219}	50 {1270}
C - Overall length	96 {2438}	120 {3048}	144 {3658}	168 {4267}	190 {4836}	296 {7518}
D - Height to centerline	38 to 44 {965 to 1118}					
Table height/lateral adjustment	Height: 6 {152}			Lateral: 3 {76}		
Longitudinal adjustment	18 {457}	18 {457}	18 {457}	24 {610}	26 {660}	32 {813}
<b>Weight lb {kg}</b>						
Installed	2300 {1043}	2700 {1225}	3200 {1451}	3400 {1542}	6000 {2722}	9900 {4491}
Shipping	2600 {1179}	3000 {1361}	3500 {1588}	3700 {1678}	6500 {2948}	10500 {4763}
<b>Electrical requirements full load amps†</b>						
230V/3 phase/60 Hz	32	32	54	101	101	129
460V/3 phase/60 Hz	16	16	27	51	51	65
575V/3 phase/60 Hz	14	14	22	42	42	54
<b>Water requirements</b> City, tower or chiller water; main supply line 1 1/4 in. NPT fitting						

<b>SPECIFICATION NOTES:</b>	
* Models that include the optional water recirculation system have an overall width of 54 inches {1371 mm}. The optional water recirculation system is available on all models, except the MVSP6-1-5 and MVSP8-2-5.	
† The listed full load amperages are for standard pump configurations only.	
Left-to-Right machine operation is available as an option.	
<b>R models</b> have a split frame design with internal rail system; motorized longitudinal movement; and standard pendulum-mounted controls.	
These tables define standard configurations. Specifications can change without notice. Contact Conair for the most current information.	