



Quick Select Manifold Station with Optional Auto ID or Auto ID+

Expandable manifold directs multiple materials to multiple destinations.

Introducing the Quick Selection Manifold model with Auto ID for enhanced material verification or Auto ID+ for ultimate precision. Our exclusive Auto ID technology prevents errors by ensuring material compatibility through a simple low-voltage signal. If the signal does not match the information preprogrammed into the controller, a material mismatch alarm sounds, and the material will not convey. Our signature verification system, Auto ID+, elevates this process with a state-of-the-art LED interface simplifying material identification like never before!

—5—
YEAR
warranty



Modular, Expandable Design

Each module in our system can accommodate up to two 6-position manifolds (12 connections) for 1.5"-2" O.D. lines or two 5-position manifolds (10 connections) for 2.5" - 3" O.D. lines, with the capability to combine up to 4 modules per QSM assembly. Designed to be modular and expandable, this system seamlessly adapts and grows with your operational needs.

Optional Auto ID of Material Source and Destination

Adds manifold isolation and remote I/O ensuring reliable electronic verification of the selected connection via compatible Novatec central conveying control panel. Saves you resin and production hours by ensuring your parts are made from the correct resin at the correct source.

Optional Auto ID+ of Material Source and Destination

Auto ID+ adds an intuitive LED interface with easy-to-follow visual prompts to streamline auto-identification, ensuring the most effortless and precise material changeovers.

Auto Purge of Material Lines

The innovative upright design of our manifold not only optimizes material flow but also significantly enhances purge performance. This feature streamlines the process of switching materials, offering unparalleled ease and efficiency with the use of a source valve.

Fraction of the Footprint

New ergonomical cabinet design with interlocking panels enclose fantail manifolds accommodating a range of material line diameters. Material names can be clearly marked on the cabinet face.

Auto-Lock Connection

Simple lance-style material line couplers are easier to use than bayonet connections. Material lines are automatically locked into position by source line cover for quick and easy source selection and positive vacuum seal.



New, Ergonomical Design!

Plus

- › 5-Year Manufacturer's Warranty



Auto Lock Connection.

Mezzanine Mount - Enclosed Cabinets

Part Number

QSC5-2

Cabinet with 5 openings per manifold

Number of manifolds cabinet can hold (Max 8 per Cabinet)

Width	5-Openings/Manifold Large Dia. (2.5" - 3.0" O.D.)	6-Openings/Manifold Small Dia. (1.5" - 2.0" O.D.)
2 Manifolds	QSC5-2	QSC6-2
4 Manifolds	QSC5-4	QSC6-4
6 Manifolds	QSC5-6	QSC6-6
8 Manifolds	QSC5-8	QSC6-8

Block-Off Kits:

(Set of 5 or 6 covers for blocking off a complete manifold position)
 1.5" & 2.0" = Part # QSF6-BLANK
 2.5" & 3.0" = Part # QSF5-BLANK

Fantail Manifold Part Numbers

Number of tube connections per manifold
 15=1.5"
 20=2.0"
 25=2.5"
 30=3.0"

Part Number

QSF6-15

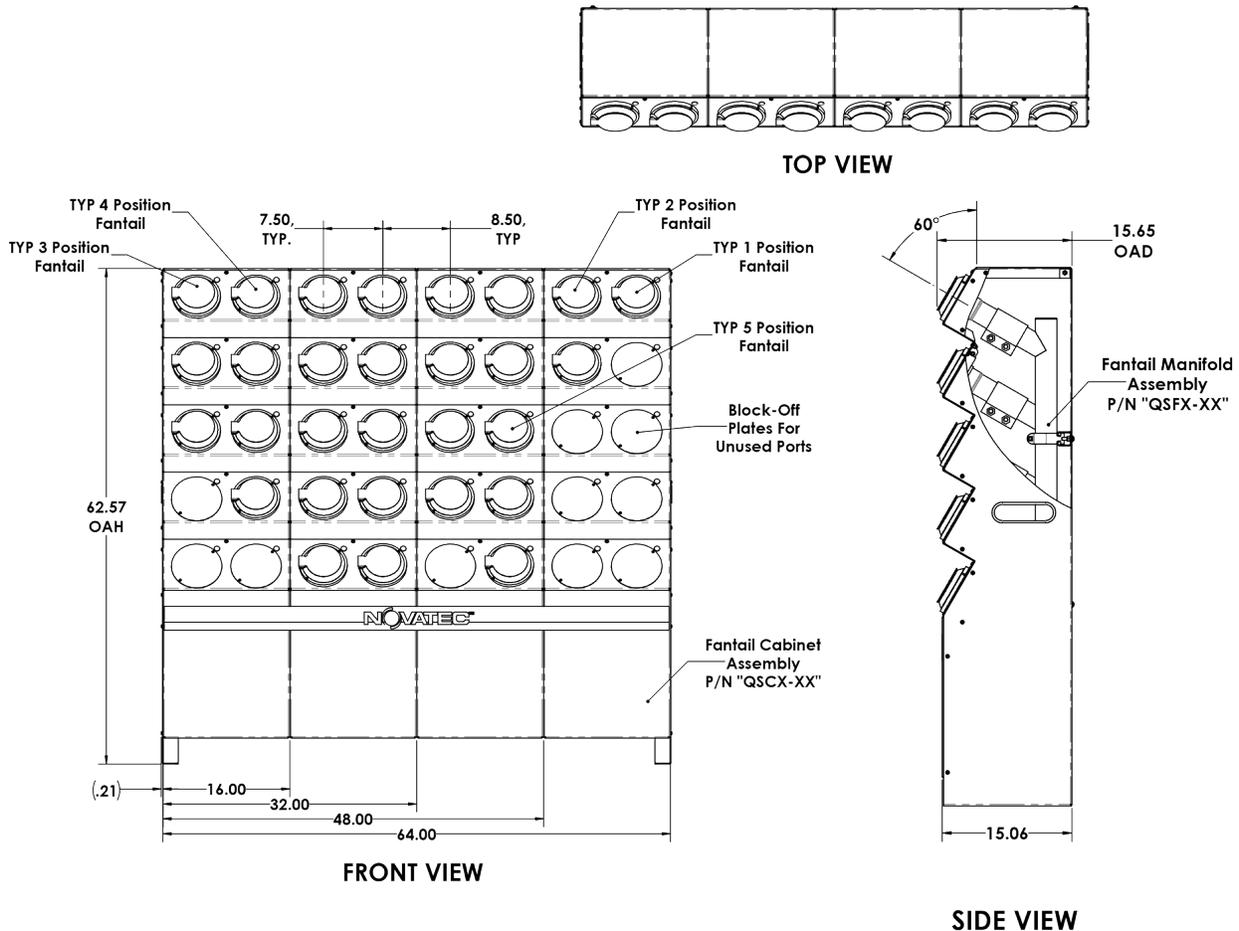
Fantail Manifold Manifold Diameter

1.5" Diameter Manifolds	2" Diameter Manifolds	2.5" Diameter Manifolds	3" Diameter Manifolds
QSF6-15	QSF6-20	N/A	N/A
QSF5-15	QSF5-20	QSF5-25	QSF5-30
QSF4-15	QSF4-20	QSF4-25	QSF4-30
QSF3-15	QSF3-20	QSF3-25	QSF3-30
QSF2-15	QSF2-20	QSF2-25	QSF2-30
QSF1-15	QSF1-20	QSF1-25	QSF1-30

NOTE: Order the quantity of each manifold required for total installation.

Fantail Cabinet:

The number of connections used per manifold can be varied.





Auto ID Control recognizes any mismatch of source to destination and blocks material transfer.



Auto ID+ features an intuitive LED interface with visual prompts for effortless, precise material changeovers.

Option:

For Fantail Manifolds:

*For Auto ID Fantail Manifold Assemblies paired with QSC Cabinets

Add "-ID" to manifold part numbers

*For Auto ID+ Fantail Manifold Assemblies paired with QSC-ID+ Cabinets

Add "-ID+" to manifold part numbers

For FlexXpand Controls:

Destination Outputs (16) (maximum 8 each)

ID Source Inputs (32, then 16ea) (maximum 4 each for 80)

ID+ Source Inputs (2-8 each)(maximum 4 each for 32)

Accessories:

Floor Mount Accessories: Short Radius Bends:

1.5" O.D., SS, 90° 6" CLR

2.0" O.D., SS, 90° 6" CLR

2.5" O.D., SS, 90° 6" CLR

3.0" O.D., SS, 90° 4.5" CLR

Diverter Y (Straight Ends):

1.5" to 2.5" O.D.

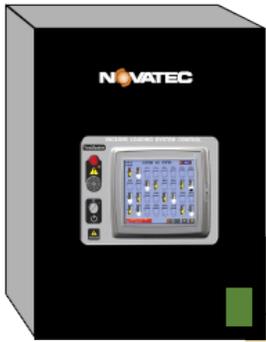
Machine Drops: Male connections:

1.5", 2.0", 2.5" and 3.0" O.D.

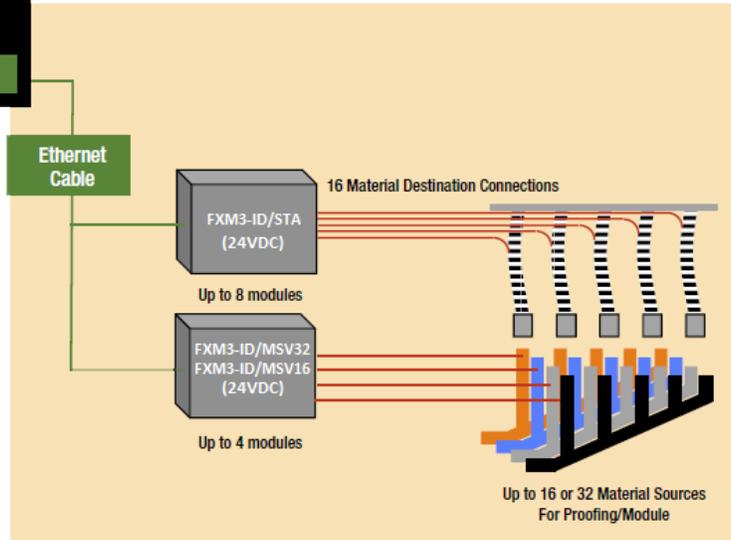
Diverter Y + Bend (2 manifolds to 1 source):

1.5" and 2.0" O.D., SS, 90° 2.5" CLR

Add Auto ID Option easily with FlexXpand™



Material verification and validation is becoming more important to processors. Auto ID allows inputting of desired material source and destination information into the control, but the correct connection must be confirmed by the (optional) proofing connections at the manifold, or an alarm signal is generated and loading is not permitted.

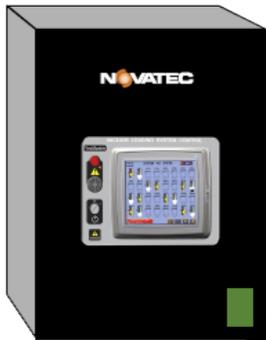


The FlexXpand Controls use FlexXpand modules to increase Auto ID sources and destinations by up to:

*128 Total material destinations
80 Total material sources

*Maximum number of stations

Add Auto ID+ Option easily with FlexXpand™



Auto-ID+ expands Novatec's exclusive material verification and validation process by incorporating an intuitive LED interface for the pinnacle of effortless precision.

