

Greater Output Volumes for Heavy Service Requirements

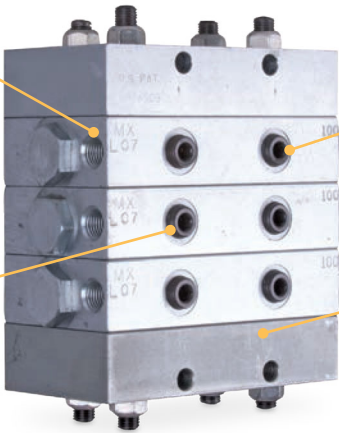
The Trabon MX Series is ideal for steel and paper mill systems with it's economical and compact design.

Durable Design

Withstands harsh environments and operating conditions.

Indicator Ports

Alternate outlets on face of each valve can be fitted with optional performance indicators, taking the guesswork out of troubleshooting.



Easily Accessorized

Accessories such as proximity switch cycle indicators provide positive assurance of a successful lube event.

Built-In Outlet Check Valves

Ensure accurate lube delivery, every time.

Typical Applications

- Pulp and paper, steel mills, heavy- and high-volume industrial applications
- **Please Note:** MX valves are primarily offered for replacement of existing MX, MXS, and MXO valve assemblies. For new application, consider the MXP series instead.

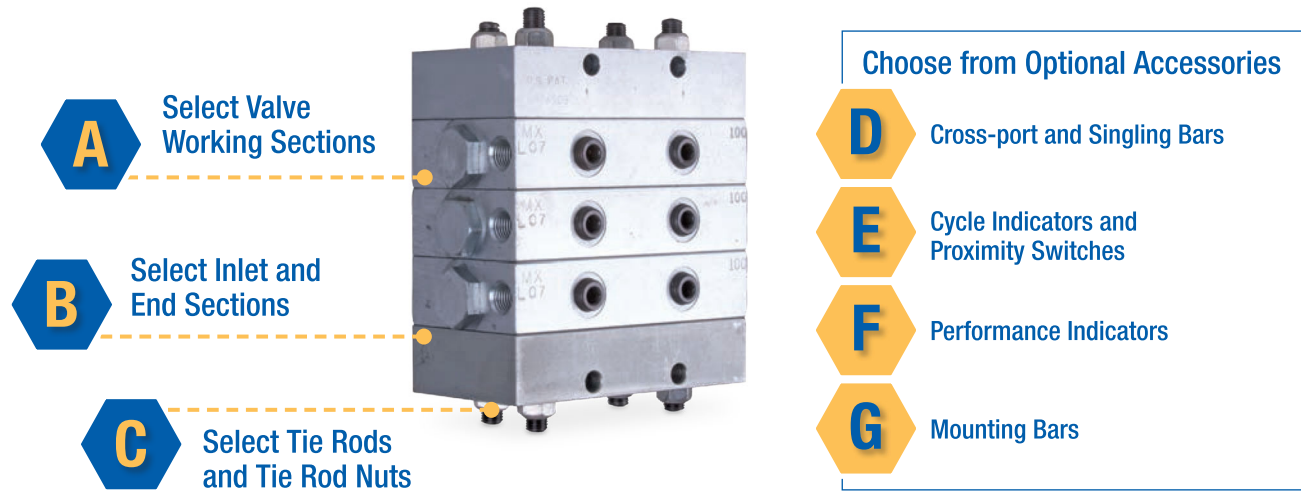
Typical Fluids

- Oil or Grease up to NLGI #2

Technical Specifications

Material	Plated Steel
Maximum Pressure	3,000 psi (207 bar)
Maximum Operating Temperature	200°F (93°C)
Maximum Cycle Rate with Cycle Pin	60 cycles/min
Instruction Manual	312497

## Steps to Build Your MX Divider Valve System:



### A Ordering Information

#### Valve Working Sections

Must be ordered in multiples of two.

Outlet Configuration	Description	Output Per Outlet, in <sup>3</sup> (cm <sup>3</sup> )	Part Number		
			Standard Section	With Cycle Pin – Right	With Cycle Pin – Left
Single	MX-25S	0.050 (0.82)	562514	N/A	
	MX-50S	0.100 (1.64)	562516	562518	562528
	MX-75S	0.150 (2.46)	562538	562519	562529
	MX-100S	0.200 (3.28)	562540	562520	562530
	MX-125S	0.250 (4.10)	562542	562521	562531
	MX-150S	0.300 (4.92)	562545	562522	562532
Twin	MX-25T	0.025 (0.41)	562515	N/A	
	MX-50T	0.050 (0.82)	562517	562523	562533
	MX-75T	0.075 (1.23)	562539	562524	562534
	MX-100T	0.100 (1.64)	562541	562525	562569
	MX-125T	0.125 (2.05)	562543	562526	562535
	MX-150T	0.150 (2.46)	562546	562527	562536

#### MX Spare Parts and Accessories

Part Number	Description
563917	Cycle indicator repair kit
557509	Replacement intermediate gasket
557391	Replacement 1/4 in NPTF outlet port plug (one is already included with each "S" section)

### B Ordering Information

#### Inlet and End Sections

Must be ordered in multiples of two.

Component	Description	Part Number
Inlet Section	Standard 3/8 in NPSF inlet, accepts NPT fittings	560620
End Section	Standard end section	563287

Note: Each valve, inlet and end section is packaged with a gasket, so a complete MX assembly will have one gasket leftover.

## C

### Ordering Information

#### Tie Rods and Tie Rod Nuts

Four tie rods and eight tie rod nuts required for each MX assembly.


Component	Length	Part Number
Tie Rods (4 required)	3-section	557488
	4-section	557489
	5-section	557490
	6-section	557491
	7-section	557492
	8-section	557493
	9-section	560576
Tie Rod Nuts (8 required)	N/A	557494

## D

### Ordering Information

#### Cross-port and Singling Bars

For each bar used, order one of part number 557391 (1/4 in NPT pipe plug) to plug the unused outlet.


	Part Number	Component	Description
	562917	Right or Left Cross-port Bar	Provides a path to redirect output from one outlet to the next one below it, away from the inlet.
	562916	Singling Bar	Converts a "T" valve to an "S" valve

## E

### Ordering Information

#### Cycle Indicators and Proximity Switches

A wide variety of safeguards monitor and verify lube cycles. These switches sense the divider valve piston's action for accurate control and monitoring of lube cycles.

	Part Number	Component	Description
	563260	Magnetic Visual Cycle Indicator	The highly visible cycle indicator has a snap-action movement which allows the user to visually determine the timing of each divider valve cycle.
	563272	Single Pole, Double Throw (SPDT) Standard Cycle Switch and Bracket Assembly	Used in conjunction with the cycle indicator pin at cycle rates not exceeding 60 cpm, the switch provides an electrical signal to the system controller which counts cycles to monitor and verify completion of the lube cycle. Included bracket clamps to spud around cycle pin.
	563273	Moisture-resistant SPDT Cycle Switch and Bracket Assembly	
	564357	Double Pole, Double Throw (DPDT) Cycle Switch and Bracket Assembly	
	17L880	Solid State Proximity Switch (see page 161 for mating cables)	This rugged switch has no moving parts, making it ideal for applications such as metal stamping presses and yellow iron equipment. 10-32 VDC PNP switching, M12 electrical connector, 200 cpm, 7,500 PSI (518 bar) maximum pressure. 50,000,000 cycle life, IP65, IP68, IP69 rated.
	563476	Field-Sensitive Proximity Switch, 3-Pin BH, with O-ring	A ceramic-magnet switch for grease or oil systems up to 200 cpm at pressure up to 3,500 psi (241 bar), accurately signals piston cycles, and is ideal for high-cycle applications. Bradley-Harrison (BH) electrical connectors, 115 VAC.
	564399	Field-Sensitive Proximity Switch, 5-Pin BH, with O-ring	

F

Ordering Information


### Performance Indicators

These vital safeguards react to excess lube pressure when points or lines become blocked. Installed in indicator ports on the working piston sections, they quickly identify the affected lines. 1/4 in NPT male thread installs in the indicator ports on the front of each valve.

### Reset Indicators with Memory

#### Features and Benefits

- Provides quick troubleshooting tool with visual indication
- No tools for reset or parts to replace after indication
- Easy information on blocked lines, high system pressure or blocked bearings
- 1/4 in NPTF thread


	Part Number	Indication Pressure
	563239	250 psi (17 bar)
	563240	500 psi (35 bar)
	563241	750 psi (52 bar)
	563242	1,000 psi (69 bar)
	563243	1,500 psi (103 bar)
	563244	2,000 psi (138 bar)
	563245	2,500 psi (172 bar)

### Automatic Relief Indicators

These performance indicators pinpoint lube line blockages but allow the lube system to continue to supply lubrication to points that are not blocked.

#### Features and Benefits

- Allows machine to continue to run while non-critical bearings are lubricated
- No time or effort required for reset after blockage is cleared
- Easy information on blocked lines, high system pressure or blocked bearings
- 1/4 in NPTF thread

	Part Number	Indication Pressure
	563156	750 psi (52 bar)
	563157	1,000 psi (69 bar)
	563158	1,250 psi (86 bar)
	563159	1,500 psi (103 bar)
	563160	2,000 psi (138 bar)
	563161	3,000 psi (207 bar)

G

Ordering Information

### Mounting Bars

Part Number	Component	Description
561102	MX/MXP Mounting Bar	For welding to uneven metal surfaces. Two sets of mounting holes are threaded 5/16-18 to attach MXP or MX. This part is one individual bar, so order quantity 2 when needed.