

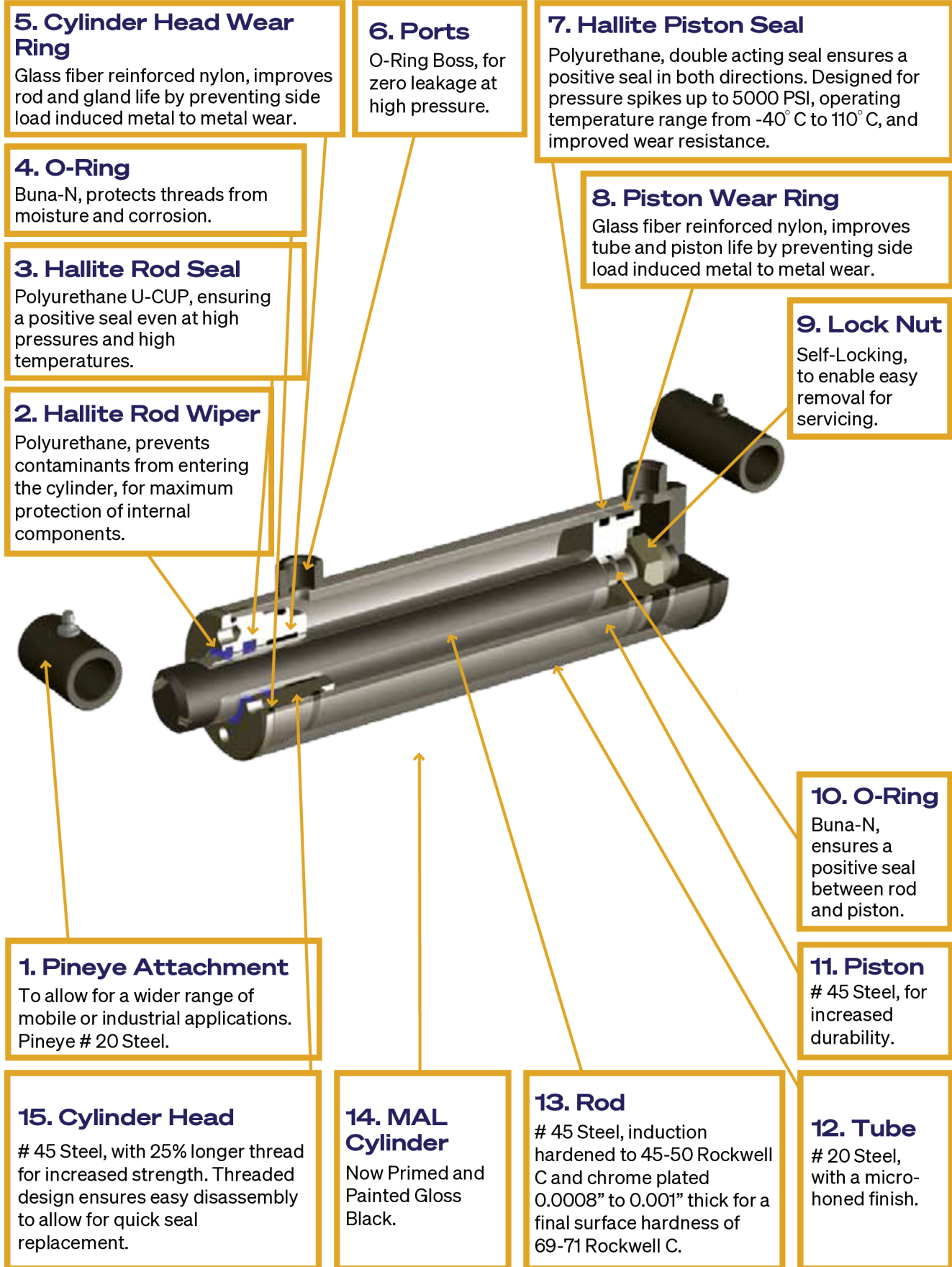
# ***MAVERICK***

**HYDRAULICS**



**WELDED  
CYLINDERS**

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### 5. Cylinder Head Wear Ring

Glass fiber reinforced nylon, improves rod and gland life by preventing side load induced metal to metal wear.

### 4. O-Ring

Buna-N, protects threads from moisture and corrosion.

### 3. Hallite Rod Seal

Polyurethane U-CUP, ensuring a positive seal even at high pressures and high temperatures.

### 2. Hallite Rod Wiper

Polyurethane, prevents contaminants from entering the cylinder, for maximum protection of internal components.

### 6. Ports

O-Ring Boss, for zero leakage at high pressure.

### 7. Hallite Piston Seal

Polyurethane, double acting seal ensures a positive seal in both directions. Designed for pressure spikes up to 5000 PSI, operating temperature range from -40° C to 110° C, and improved wear resistance.

### 8. Piston Wear Ring

Glass fiber reinforced nylon, improves tube and piston life by preventing side load induced metal to metal wear.

### 9. Lock Nut

Self-Locking, to enable easy removal for servicing.

### 1. Pineye Attachment

To allow for a wider range of mobile or industrial applications. Pineye # 20 Steel.

### 10. O-Ring

Buna-N, ensures a positive seal between rod and piston.

### 11. Piston

# 45 Steel, for increased durability.

### 15. Cylinder Head

# 45 Steel, with 25% longer thread for increased strength. Threaded design ensures easy disassembly to allow for quick seal replacement.

### 14. MAL Cylinder

Now Primed and Painted Gloss Black.

### 13. Rod

# 45 Steel, induction hardened to 45-50 Rockwell C and chrome plated 0.0008" to 0.001" thick for a final surface hardness of 69-71 Rockwell C.

### 12. Tube

# 20 Steel, with a micro-honed finish.

# MAVERICK

## HYDRAULICS

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	MAX EXTENSION PRESSURE (PSI)	WEIGHT (lb)	SEAL KIT PART #		
				RETRACTED	EXTENDED						
MAV 15MAL04-10	1 1/2 X 4	1	3/4	12	16	SAE-6	3000	8	MAV MF 151000-10		
MAV 15MAL06-10	1 1/2 X 6			14	20			9			
MAV 15MAL08-10	1 1/2 X 8			16	24			10			
MAV 15MAL10-10	1 1/2 X 10			18	28			12			
MAV 15MAL12-10	1 1/2 X 12			20	32			13			
MAV 15MAL14-10	1 1/2 X 14			22	36			14			
MAV 15MAL16-10	1 1/2 X 16			24	40			15			
MAV 20MAL04-10	2 X 4			12	16			11			
MAV 20MAL06-10	2 X 6	14	20	13							
MAV 20MAL08-10	2 X 8	16	24	15							
MAV 20MAL10-10	2 X 10	18	28	16							
MAV 20MAL12-10	2 X 12	20	32	18							
MAV 20MAL14-10	2 X 14	22	36	20							
MAV 20MAL16-10	2 X 16	24	40	21							
MAV 20MAL18-10	2 X 18	26	44	23							
MAV 20MAL20-10	2 X 20	28	48	25							
MAV 20MAL24-10	2 X 24	32	56	28							
MAV 20MAL28-10	2 X 28	36	64	31							
MAV 20MAL30-10	2 X 30	38	68	33							
MAV 20MAL32-10	2 X 32	40	72	35							
MAV 20MAL36-10	2 X 36	44	80	39							
MAV 20MAL40-10	2 X 40	48	88	42							
MAV 20MAL48-10	2 X 48	56	104	49							
MAV 25MAL04-10	2 1/2 X 4	1-1/2	1	12	16			SAE-8	3000	15	MAV MF 251500-10
MAV 25MAL06-10	2 1/2 X 6			14	20	17					
MAV 25MAL08-10	2 1/2 X 8			16	24	20					
MAV 25MAL10-10	2 1/2 X 10			18	28	22					
MAV 25MAL12-10	2 1/2 X 12			20	32	24					
MAV 25MAL14-10	2 1/2 X 14			22	36	26					
MAV 25MAL16-10	2 1/2 X 16			24	40	28					
MAV 25MAL18-10	2 1/2 X 18			26	44	31					
MAV 25MAL20-10	2 1/2 X 20			28	48	33					
MAV 25MAL24-10	2 1/2 X 24			32	56	37					
MAV 25MAL28-10	2 1/2 X 28			36	64	42					
MAV 25MAL30-10	2 1/2 X 30			38	68	44					
MAV 25MAL32-10	2 1/2 X 32			40	72	46					
MAV 25MAL36-10	2 1/2 X 36			44	80	51					
MAV 25MAL40-10	2 1/2 X 40			48	88	55					
MAV 25MAL48-10	2 1/2 X 48			56	104	64					
MAV 30MAL06-10	3 X 6	1-1/2	1	14	20	SAE-8	3000			21	MAV MF 301500-10
MAV 30MAL08-10	3 X 8			16	24					24	
MAV 30MAL10-10	3 X 10			18	28					26	
MAV 30MAL12-10	3 X 12			20	32					29	
MAV 30MAL14-10	3 X 14			22	36					31	
MAV 30MAL16-10	3 X 16			24	40					33	
MAV 30MAL18-10	3 X 18			26	44					36	
MAV 30MAL20-10	3 X 20			28	48					38	
MAV 30MAL24-10	3 X 24			32	56			43			
MAV 30MAL28-10	3 X 28			36	64			48			
MAV 30MAL30-10	3 X 30			38	68			50			
MAV 30MAL32-10	3 X 32			40	72			53			
MAV 30MAL36-10	3 X 36			44	80			58			
MAV 30MAL40-10	3 X 40			48	88			63			
MAV 30MAL48-10	3 X 48			56	104			73			

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MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	MAX EXTENSION PRESSURE (PSI)	WEIGHT (lb)	SEAL KIT PART #					
				RETRACTED	EXTENDED									
MAV 35MAL06-10	3 1/2 X 6	1-3/4	1-1/4	16	22	SAE-8	3000	30	MAV MF 351750-10					
MAV 35MAL08-10	3 1/2 X 8			18	26			33						
MAV 35MAL10-10	3 1/2 X 10			20	30			36						
MAV 35MAL12-10	3 1/2 X 12			22	34			39						
MAV 35MAL14-10	3 1/2 X 14			24	38			42						
MAV 35MAL16-10	3 1/2 X 16			26	42			45						
MAV 35MAL18-10	3 1/2 X 18			28	46			48						
MAV 35MAL20-10	3 1/2 X 20			30	50			51						
MAV 35MAL24-10	3 1/2 X 24			34	58			67						
MAV 35MAL28-10	3 1/2 X 28			38	66			63						
* MAV 35MAL30-10	3 1/2 X 30			40	70			66						
MAV 35MAL32-10	3 1/2 X 32			42	74			69						
MAV 35MAL36-10	3 1/2 X 36			46	82			75						
MAV 35MAL40-10	3 1/2 X 40			50	90			81						
MAV 35MAL48-10	3 1/2 X 48			58	106			93						
MAV 40MAL08-10	4 X 8			2	1-1/2			18		26	SAE-8	3000	46	MAV MF 402000-10
MAV 40MAL10-10	4 X 10							20		30			50	
MAV 40MAL12-10	4 X 12	22	34			55								
MAV 40MAL14-10	4 X 14	24	38			59								
MAV 40MAL16-10	4 X 16	26	42			63								
MAV 40MAL18-10	4 X 18	28	46			67								
MAV 40MAL20-10	4 X 20	30	50			71								
MAV 40MAL24-10	4 X 24	34	58			80								
MAV 40MAL28-10	4 X 28	38	66			88								
MAV 40MAL30-10	4 X 30	40	70			92								
MAV 40MAL32-10	4 X 32	42	74			96								
MAV 40MAL36-10	4 X 36	46	82			105								
MAV 40MAL40-10	4 X 40	50	90			113								
MAV 40MAL48-10	4 X 48	58	106			130								
MAV 50MAL08-10	5 X 8	2-1/2	1-3/4 & 2			20	28	SAE-12	3000	82			MAV MF 502500-10	
* MAV 50MAL10-10	5 X 10					22	32			89				
MAV 50MAL12-10	5 X 12					24	36			95				
* MAV 50MAL14-10	5 X 14			26	40	101								
* MAV 50MAL16-10	5 X 16			28	44	108								
* MAV 50MAL18-10	5 X 18			30	48	114								
MAV 50MAL20-10	5 X 20			32	52	121								
MAV 50MAL24-10	5 X 24			36	60	133								
MAV 50MAL28-10	5 X 28			40	68	146								
MAV 50MAL30-10	5 X 30			42	72	152								
MAV 50MAL32-10	5 X 32			44	76	159								
* MAV 50MAL36-10	5 X 36			48	84	172								
MAV 50MAL40-10	5 X 40			52	92	184								
MAV 50MAL48-10	5 X 48			60	108	210								
										2500	210			

\*Stocked in limited quantity.





**Operating Pressure: 3000 PSI**

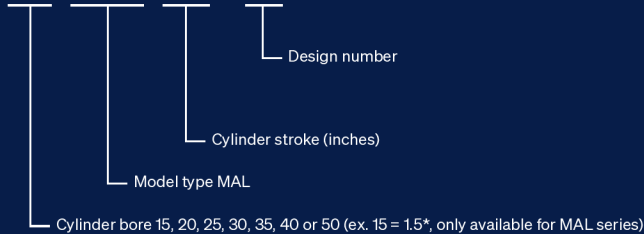
**100% PRESSURE TESTED**

## MAL CYLINDER DIMENSIONS

	TUBE DIA.	A	Ø B PIN	K	L	PORTS (NPT)
in.	1.500	8.000	0.750	2.000	2.250	6
mm	38.10	203.20	19.05	50.80	57.15	
in.	2.000	8.000	1.000	2.250	2.750	6
mm	50.80	203.20	25.40	57.15	69.85	
in.	2.500	8.000	1.000	2.250	3.250	8
mm	63.50	203.20	25.40	57.15	82.55	
in.	3.000	8.000	1.000	2.250	3.750	8
mm	76.20	203.20	25.40	57.15	95.25	
in.	3.500	10.000	1.250	2.250	4.250	8
mm	88.90	2540	31.750	57.15	107.95	
in.	4.000	10.000	1.500	2.500	4.750	8
mm	101.60	2540	38.10	63.50	120.65	
in.	5.000	12.000	1.750 / 2.000	3.250	6.000	12
mm	127.00	304.80	44.45	82.55	152.40	

## Model Number for MAL

15 MAL XX - 10



## WARNING / ATTENTION

PLEASE NOTE THAT THE MAXIMUM CAPACITY OF CLEVIS PINS ARE:

VEULLEZ NOTER QUE LA CAPACITÉ MAXIMUM DES GOUPILLES D'ATTACHEMENT EST DE:

1" Ø = 26,000 lbs

1-1/2" Ø = 56,000 lbs

1-1/4" Ø = 39,000 lbs

2" Ø = 96,000 lbs

## 5 REASONS TO CHOOSE MAVERICK

- Complete range of hydraulic services from manufacturing to repairs and power units
- Unique numbering for traceability
- 100% testing of our product to prevent defects
- CNC precision machining for longevity of product
- 1 year warranty shows our commitment



### VISIT US

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### CONTACT US

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