

## ENGINEERED TESTING SYSTEMS

### FEATURES

- **HEAVY DUTY MILD STEEL FRAME:**  
Powder Coated Blue, 6" Wheels (304/316 Stainless Steel Frames Are Available For Offshore Use)
- **STAINLESS STEEL CONTROL PANEL:**  
4" or 6" System Pressure Gauge, 2-1/2" Air Gauge, Air Regulator, ON/OFF Speed Control Valve, Isolation & Vent Valve Are Panel Mounted
- **AIR DRIVEN HIGH PRESSURE PUMP:**  
Lubricated Air-Driven Pump Are Ideal For A Broad Variety of Oil & Water Applications. Stall Pressure is Maintained Without Any Energy Consumption, Enabling The Pump To Be Left Unattended (Reducing The Need Of Supervision From Operator) Unless The Pressure Drops Below The Set Stall Pressure In Which The Pump Will Restart To Make Up The Loss In Pressure.
- **SIDE MOUNTED INLET/OUTLET PORTS**
- **BARTON CHART RECORDER (OPTIONAL)**
- **STAINLESS STEEL or POLYETHYLENE TANK (OPTIONAL)**

**All Systems Are Custom to Your "Requirements"**

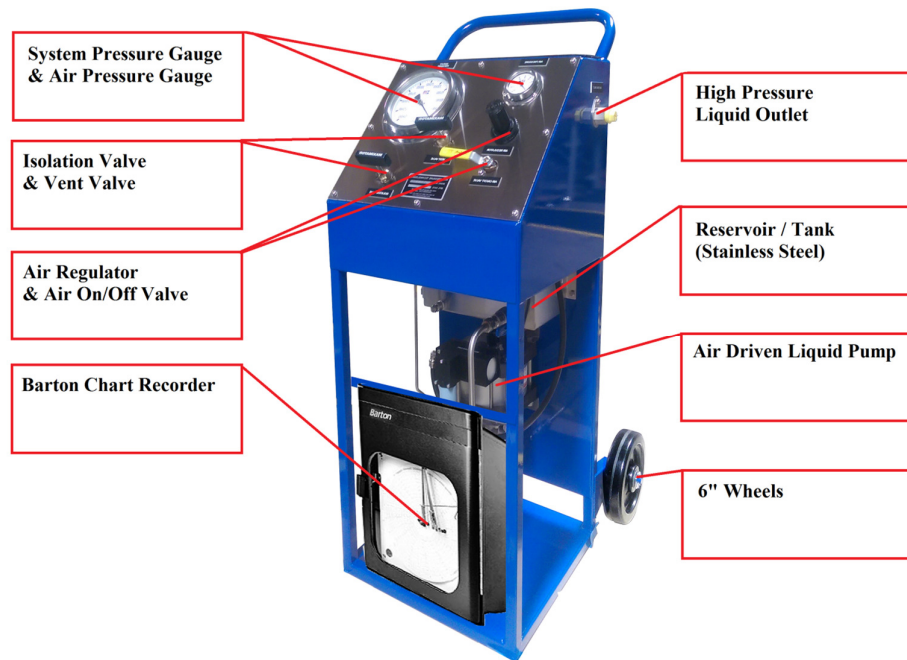


### SPECIFICATIONS

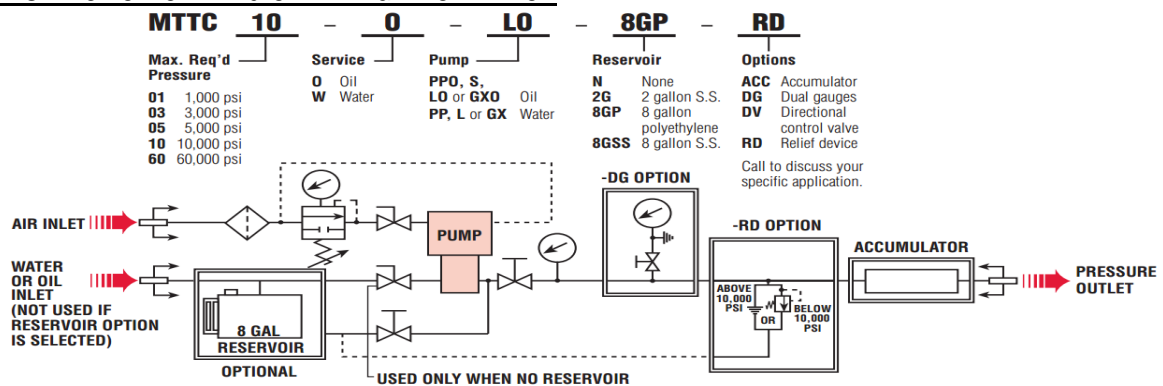
<b>PUMP TYPE &amp; PRESSURE RANGES</b>	System is available in the following pressure ranges: 0 – 1k, 2k, 3k, 4k, 5k, 10k, 15k, 25k, 30k, 35k 40k, 45k 60k, 100k, 150k
<b>HYDRAULIC PRESSURE GAUGE (PANEL MOUNTED)</b>	Dual 4" dial gauges. Calibration certs optional. 4" Dial on 30,000 and below, 6" Dial on 35,000 and up.
<b>PRESSURE RECORDER (MOUNTED TO FRONT OF SYSTEM) (OPTIONAL)</b>	8" battery drive, circular charts Available up to 30,000 PSI, Single or Dual Pens / Sensors
<b>SAFETY RELIEF DEVICES Adjustable Relief Valves or Rupture Discs (OPTIONAL)</b>	Relief Valves are field adjustable from: (1,000 to 10,000 psi) or (10,000 – 60,000 psi) Rupture Discs are available in variety of pressures from: (10,000 to 65,000 psi)
<b>HYDROSTATIC HOSE (OPTIONAL)</b>	Hydrostatic Hoses are available as option: (Consult HPT for more info) (Contact HPT with lengths & connection sizes needed)
<b>Tank / Reservoir (OPTIONAL) (Comes With Strainer &amp; Filler Cap)</b>	Tanks are available in either Stainless Steel or Polyethylene: Stainless Steel: 2 Gallon, 5 Gallon or 8 Gallon Polyethylene: 8 Gallon
<b>DIMENSIONS &amp; WEIGHT (Size &amp; Weight Varies)</b>	16 " L x 28" W x 23" H, 160 lbs.

# MTTC SERIES

## PORTABLE HYDROSTATIC TEST CART



### PUMP SELECTION CHART & ORDERING INFORMATION



### TECHNICAL DATA

#### Single Air Drive Head

CATALOG NUMBER	SAMPLE AIR DRIVE PRESSURE (PSI)	OUTLET PRESSURE (PSI)										
		0	500	1500	3000	5000	7500	10000	15000	25000	40000	55000
L10-VE	60	1100	350									
	90	1125	790									
	120	1150	915									
L15-VE	60	775	540									
	90	790	650									
	120	800	705	280								
L25-VE	60	435	365	60								
	90	445	410	265								
	120	450	425	340	90							
L35-VE	60	300	270	150								
	90	305	290	240	95							
	120	310	300	270	180							
L60-VE	60	192	182	145	45							
	90	195	190	173	130	43						
	120	200	195	185	158	105	10					
L100-VE	60	108	105	97	78	37						Above 35,000 psi for intermittent duty only
	90	110	108	105	95	78	47	5				
	120	113	110	107	103	92	73	48				
L150-VE	60	81	79	76	66	49	19					
	90	83	82	80	75	67	53	35				
	120	84	83	82	78	73	66	55	25			
L250-VE	60	46	45	44	42	37	26	20	2			
	90	47	46	45	44	43	40	36	26			
	120	48	47	47	46	45	43	41	34	17		
L300-VE	60	39	38	37	36	33	29	23	10			
	90	40	39	38	38	37	35	32	26	8		
	120	41	40	39	38	38	37	36	32	21		
L400-VE	60	30	29	29	28	27	26	23	15			
	90	31	31	31	31	30	30	29	27	24	15	
	120	32	32	31	31	31	30	30	29	27	22	8
L500-S	60	23	23	22	21	21	20	19	16	8		
	90	24	24	23	23	23	22	22	20	15	6	
	120	24	24	24	24	23	23	23	22	19	13	5

CATALOG NUMBER	PRESSURE RATIO	MAXIMUM OUTLET PRESSURE (PSI)	DISPL. PER CYCLE (IN. <sup>3</sup> )	CONNECTIONS (FNPT)		WEIGHT (LBS.)
				INLET	OUTLET <sup>1</sup>	
L10-VE	1:11	1,595	5.49	1	1/2	36
L15-VE	1:16	2,320	3.78	1	1/2	
L25-VE	1:28	4,060	2.15	1/2	1/2	
L35-VE	1:40	5,800	1.49	1/2	1/2	32
L60-VE	1:63	9,135	0.94	1/2	1/2	
L100-VE	1:113	15,000	0.54	1/2	1/2	
L150-VE	1:151	21,025	0.40	1/2	9/16-18	30
L250-VE*	1:265	38,425	0.23	1/2	9/16-18	
L300-VE*	1:314	45,530	0.20	1/2	9/16-18	
L400-VE*	1:398	57,710	0.15	1/2	9/16-18	
L500-S	1:591	60,000	0.12	1/2	9/16-18	