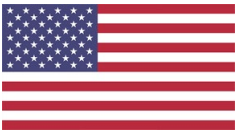




Underground Infrastructure Maintenance Solutions

Valve Exercising Equipment





Valve Exerciser - Model PT1000

Long Reach Arm w/GPS Option



Power Head Slide Track: The power head is mounted to a carriage that smoothly rides the full length of the track. A deck mounted stowage system is furnished to secure arms for travel.

Reach: Power Head travels up to 8' from mounting base to exercise valves.

Global Positioning System (GPS) option: Instantly provides latitude, longitude and altitude.

Power Head: The valve exerciser power head is driven by a single hydraulic motor. Output torque can be controlled from 0 to 850 ft. lbs. Double chain drive provides more reliable long lasting operation.

A.I. Controller: Automatic and/or manual mode allows safe cycling through exercising valves. Includes weather resistant, digital touch screen controller.



Pacific Tek Position Locking System: Articulating arm is held in place with the hydraulic Pacific Tek Locking System.

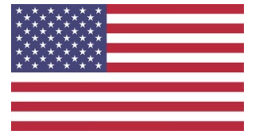
Dimensions/Mounting: Unit is 32" high x 25" wide x 97" long. Dry weight is 250 pounds. Mounting base is ½" thick square plate with a 1½" pivot post for a swinger arm. Can be skid, truck or trailer mounted.

Patent Pending



Valve Exerciser - Model PT26

High Torque Exerciser w/GPS Option



A.I. Controller: Automatic and/or manual mode allows safe cycling through exercising valves. Includes weather resistant, digital touch screen controller.



Global Positioning System (GPS) option: Instantly provides latitude, longitude and altitude.

Dimensions: 30.5" high x 22.75" wide x 57" long. Dry weight is 285 pounds.



Power Head: The valve exerciser power head is driven by a single hydraulic motor. Output torque can be controlled from 0 to 1800 ft. lbs. The power head is capable to work with up to 15 degrees of valve stem misalignment. The hydraulic power supply required is a Class II circuit, 8 GPM @ 2,000 PSI.

Sliding Rails: Square rails that roll on bearings inside of the mounting frame rail tubes allow the PT26 to extend the power head up to 30" for operation.

Power Coated: The frame assembly is powder coat painted for corrosion resistance.

Patent Pending

PV100-PT26 Truck Mounted Vac & Valve w/Swinger Kit

Track and wheels allow the unit to swivel 180 degrees making it easier to position the Valve Exerciser over the valve or valve cluster



PT26 Swinger Kit is available truck or trailer mounted

PV250-PT1000 Trailer Mounted Vac & Valve





Valve Exercising - Data Collection

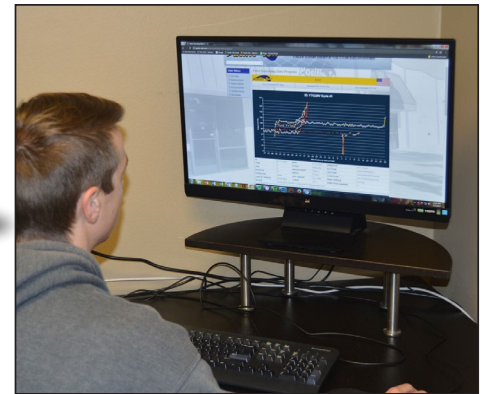
Sub-meter GPS



Intelligent Automatic Controller
(Valve Exerciser)



Desktop or Laptop



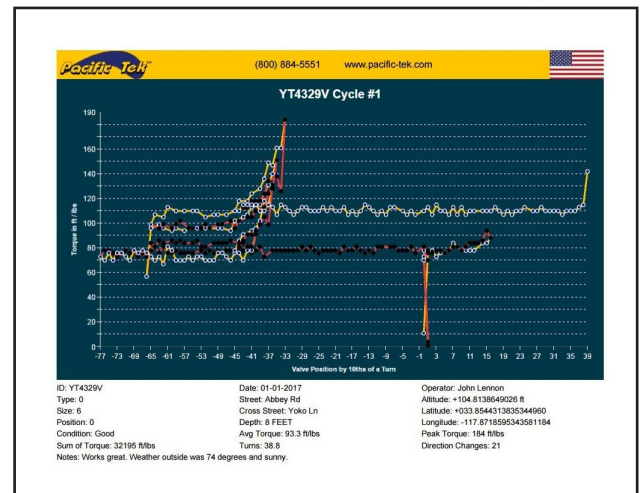
Our equipment is compatible with most major GIS software programs and our A.I. data program is available on our company website

Pacific Tek - A.I. Data System

Pacific Tek's Valve Exercising Data Collection System allows you to output your data in Excel or Graph format with optional sub-meter GPS coordinates.

	A	B	C	D	E	F	G	H	I	J
1		YT4329V Cycle #1			XY2810F Cycle #1			AE123D Cycle #1		
2	DATE	1/1/2017			1/1/2017			1/1/2017		
3	ID	YT4329V			XY2810F			AE123D		
4	SIZE	6			6			6		
5	TYPE	0			0			0		
6	DEPTH	8 FEET			8 FEET			8 FEET		
7	STREET	Abbey Rd			Orange Ave			Brewster Ave		
8	CROSS STREET	Yoko Ln			Elm Ave			Hartford Ln		
9	OPERATOR	John Lennon			Bling Crosby			Jimi Hendrix		
10	POSITION	0			0			0		
11	CONDITION	Good			Good			Good		
12	LATITUDE	33.85443			33.85449			33.94394		
13	LONGITUDE	-117.872			-108.239			-117.907		
14	ALTITUDE	+104.8138649026 ft			+105.26976386732 ft			+447.57192049028 ft		
15	AVG TORQUE	93.3 ft/lbs			69.9 ft/lbs			90.5 ft/lbs		
16	PEAK TORQUE	184 ft/lbs			165 ft/lbs			235 ft/lbs		
17	SUM OF TORQUE	32195 ft/lbs			2864 ft/lbs			52823 ft/lbs		
18	TURNS	38.8			4.5			78.2		
19	DIRECTION CHANGES	21			2			28		
20	NOTES	Works gre			Exercising			turns ok		
21	DATA	Valve Pos Torque (ft/lbs)			Valve Pos Torque (ft/lbs)			Valve Pos Torque (ft/lbs)		
22		1	1	0		0	0	0	0	0
23		0	70	-2		165	1	61		
24		1	70	-3		46	0	72		
25		0	73	-4		161	1	0		
26		1	76	0		66	0	75		
27		0	11	-2		68	2	83		
28		1	76	-3		64	3	80		
29		0	78	-4		68	4	83		
30		1	70	-5		66	3	75		
31		0	78	-6		68	2	77		
32		1	4	-7		68	1	83		

Sample Excel Output



Sample Graph Output



PT1000 front bumper mount and rear mounted rail system



The PT1000 is also available on a small single axle trailer, model (PT1000-G-T)



Model PT8 Portable Hydraulic Valve Operator with PUG-06 Portable Cart

All Models Overview:

MODEL	TORQUE	MOUNTING
PT8:	0-300 ft. lbs.	Handheld or Cart
PT1000:	0-850 ft. lbs.	Truck or Trailer
PT26:	0-1800 ft. lbs.	Truck/Trailer/Side-box

Data collection is available for PT26 and PT1000



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For more information contact:



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