

MULTIPHASE TRANSFER PUMP

NEW COMPRESSION ELEMENT

COST EFFECTIVELY **INCREASE PRODUCTION** WITH NO HASSLE



KEY FEATURES

- ✓ Capable of 100% liquid fractions instantaneously
- ✓ Liquid rates exceeding 30,000 bpd
- ✓ Maximum ΔP up to 2415 kPa (350 psi)
- ✓ Handles wide range of API gravity
- ✓ 100% turndown capability
- ✓ No minimum liquid volume required through pump
- ✓ Highly tolerant of entrained solids
- ✓ Extremely robust intake and discharge valve design
- ✓ Optimized power utilization
- ✓ Seals can be easily replaced on site
- ✓ No additional lifting equipment required for servicing
- ✓ Low pressure/high volume model for low pressure gathering systems
- ✓ Superior user interface – web browser HMI

- ▶ PROCESSES LIQUIDS
- ▶ WORKS WITH ANY LIFT SYSTEM
- ▶ NO PNEUMATIC VALVES OR VESSELS
- ▶ AUTOMATED CAPACITY CONTROL
- ▶ SKYVIEW REMOTE MONITORING
- ▶ SET & FORGET PLC CONTROL

BENEFITS

- ✓ Decreases casing pressure at wellhead to increase production – cost effectively
- ✓ Reduces head and power requirements for downhole pumps
- ✓ Eliminates the need for separate pumps and compressors at satellite facilities
- ✓ Eliminates flaring from separator vessels at satellites
- ✓ Low capital and operating cost
- ✓ Very quick turnaround for repair and maintenance

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FLEXIBLE • RELIABLE • ECONOMICAL • PORTABLE • OPERATOR FRIENDLY



APPLICATIONS

- ☑ Field Production Optimization
- ☑ Flaring / Venting Reduction
- ☑ Group Emulsion Header Boosting
- ☑ Lower Casing / Flowline Pressures To Access Additional Production Inflow
- ☑ Multiphase Fluid Transfer
- ☑ Pressure Boosting
- ☑ SAGD / CSS Production Optimization
- ☑ SAGD / CSS Well Unloading

OPTIONS

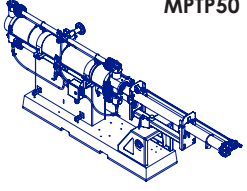
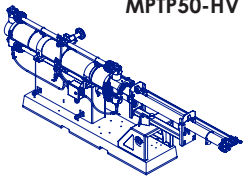
- ☑ Flexible Rental Options



MPTP50 - CM1001

TYPICAL PERFORMANCE

Refer to MPTP Performance charts for your conditions

Model	Hydraulic Pump Pressure Range	Maximum Flow		Maximum ΔP	
		m ³ /d	bpd	psi	kPa
 MPTP50	Very High	1360	8,550	350	2415
	High	1750	11,010	270	1861
	Medium	2180	13,710	220	1517
	Low	2660	16,730	170	1172
 MPTP50-HV	Very High	2700	16,980	175	1206
	High	3400	21,385	135	930
	Medium	4240	26,660	110	760
	Low	5310	33,390	85	586

CASE STUDY

A customer in the Viking play in West-Central Saskatchewan was looking to enhance production from a group of four wells while eliminating flaring at a multi-well satellite several kilometers from the central processing facility. A MPTP configured for low differential pressure and high rate was installed and immediately dropped the manifold pressure by 60 psi. Oil production increased 35% and all gas that was previously flared at the site is now processed at the central facility and used for process heat or for sales.



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