



# Screw Pump S E R I E S

*Where Innovation Flows.*

**RedScrew™** screw pumps excel in challenging applications. Red's pumps and systems are reliable, durable and capable of overcoming your most difficult transfer needs daily, and long into the future.

Engineered with the pump user in-mind, our pumps are ideally suited for applications requiring a pump that can move thin fluids, as well as, transfer very demanding viscous liquids. RedScrew pumps are ideally suited for high pressure oil transfer but offer many configurations for non-lubricating, LPG, Sulfur, and solid-laden applications. Increase the efficiency and profitability of your company today... with RedScrew pumps.

Certifications:  
**ISO 9001:2008** **CCS**

[www.redscrewpump.com](http://www.redscrewpump.com)

## Features & Benefits:

- Vertical and mobile configurations
- Solid handling options
- Non-lubricant fluid options
- Capacities to: 2500m<sup>3</sup>/h (11,023 gpm)
- Discharge pressures to: 10.0 MPa (1,450 psi)
- Various connection types: GB/DIN/ANSI
- Temperatures to: 450° C (842° F)
- Self-developed filters and frequency converters
- Specialty lines:
  - LPG pumps
  - Sulfur
  - Multi-phase pumps
  - Granulators
  - Filters

RedScrew™ offers a vast array of pumps with features and options to meet your most critical transfer needs. Additionally, RedScrew offers specialty pumps, granulators, and filters. Find your local distributor or see our full offering at: [www.redscrewump.com](http://www.redscrewump.com)

## Screw Pump S E R I E S

### Twin Screw Pumps

Series	Capacity		Diff. Pressure		Viscosity	Max. Temp.	
	m <sup>3</sup> /h	gpm	MPa	psi	mm <sup>2</sup> /s(cSt)	°C	°F
2HM/2VM	2-2200	10-10000	up to 4.0	up to 600	0.5-200,000	120	250
2HR/2VR	2-2200	10-10000	up to 2.5	up to 360	0.5-200,000	350	650
2HE/2VE	2-2200	10-10000	up to 1.6	up to 230	20-3,000	80	180
2HH	10-1000	50-4500	up to 6.0	up to 900	1-10,000	150	300
2HC	35-750	150-3300	up to 1.6	up to 230	1-10,000	120	250
2H	1-60	5-260	up to 1.6	up to 230	1-100,000	120	250
2LE/2KE	1-480	5-2200	1.6	230	up to 3,000	80	180
2LA/2KA	1-480	5-2000	1.6	230	up to 200,000	350	650

### Triple Screw Pumps

Series	Capacity		Diff. Pressure		Viscosity	Max. Temp.	
	m <sup>3</sup> /h	gpm	MPa	psi	mm <sup>2</sup> /s(cSt)	°C	°F
3PF	2-130	1-35	up to 4.0	up to 600	3-760	150	300
3N	10-5300	3-1400	up to 4.0	up to 600	3-5,000	280	530
3M	10-2200	3-580	up to 10.0	up to 1500	3-5,000	280	530
3E	3-160	1-45	up to 16.0	up to 2250	3-760	150	300

### Multi-phase Pumps

Series	Capacity		Diff. Pressure		Max. Product Temp.		GVF
	m <sup>3</sup> /h	gpm	MPa	psi	°C	°F	%
2MPS...B	30-1500	130-6500	up to 3.0	up to 430	120	250	up to 80%
2MPS...H	30-1000	130-4333	up to 3.6	up to 520	120	250	up to 97%
2MP	30-800	130-3500	up to 6.0	up to 870	120	250	up to 97%

### LPG Pumps

Series	Capacity		Suction Pressure		Discharge Pressure		Viscosity
	m <sup>3</sup> /h	gpm	MPa	psi	MPa	psi	mm <sup>2</sup> /s(cSt)
2H...F	up to 14	up to 60	0.2-1.4	30-200	0.6-2.4	85-340	1
2HM...F	up to 55	up to 250	0.2-1.4	30-200	0.6-2.4	85-340	1



Authorized PSG Partner: