



Technical Data Sheet

TS1400 SERIES EXTRUSION PUMPS - 22:1 RATIO

Extrusion pump is a best tool use to feed fluid from bulk containers such as 5-gallon pail or 55-gallon drum to a dispensing valve. The TS1400 Series pumps are workhorses - able to deliver viscous adhesives, sealants, caulking and heavy lubricants to the application point at the desired pressure and flow rate.

Offered in multiple configurations, including single-post, two-post and heavy-duty two-post, our piston pump packages ensure you have the right solutions for your applications.

TYPICAL APPLICATIONS

- Coating –
The abrasive nature of paints and coatings can quickly break down weaker components. That's why systems that handle the transfer of high-solids materials trust TS1400 series pumps to stand up to the pressure.
- Lubrications –
Lubricant applications demand a pump that can dispense oils and greases accurately and without wasting a drop. That's why TS1400 pumps are at the heart of the most vital systems.
- Adhesive and sealant applications -
When your application deals with dispensing highly abrasive materials, you need a system with strength that lasts. Strength that only TS1400 series pumps can deliver.



PART NUMBER	DESCRIPTION	FOLLOWER DESCRIPTION	MATERIAL
TS1400-CCS22-5G	Extrusion Pump, 5 Gallon 22:1 Chop-Check Carbon Steel	Single lip, Nitrile/Polyethylene	Carbon Steel, Electroless Nickel Coating
TS1400-CSS22-5G	Extrusion Pump, 5 Gallon 22:1 Chop-Check Stainless Steel	Single lip, Urethane/Polyethylene	Stainless Steel

SPECIFICATIONS

Ratio	22:1
Stroke (double acting)	6" (15.24 cm)
Material Inlet	1" NPT (F)
Material Outlet	1" NPT(F)
Air Inlet (female)	1/2" NPT(F)
Air Inlet Pressure Range psi (bar)	30 - 150 (2 - 10.3)
Fluid Pressure Range psi (bar)	660 - 3412 (46 - 235)
Max Cycles/Minute	60
Displacement/Cycle cu in (cm3)	7.5 (122.9)
Cycles/gal (L)	30.9 (8.1)
Flow @ 60 Cycles gpm (L/min)	1.9 (7.2)
Noise Level @ 60 psi dBA	86.5
Weight* lb (kg)	42.9 (19.5)
Container Suitability	Remote Mounting

*Estimate Weight -Contact Technical Support for exact weight.

ACCESSORIES

ADAPTER	
TSD931-102	Adapter, 3/8" NPT (M) x 1/2" NPT (F), 6000 psi max, zinc plated steel
TSD931-103	Adapter, 1/2" (M) x 3/8" (M) SST
FLUID REGULATOR	
TSD500-60	Fluid Regulator, 3/8" Port Size, Carbon Steel Base, 3,000 psi inlet, 400 - 1,250 psi range
TSD500-61	Fluid Regulator, 3/8" Port Size, Stainless Steel Base, 3,000 psi inlet, 400 - 1,250 psi range
MATERIAL HOSE	
TSD1099-30	RTV/Moisture Lok Hose 1/2" NPT (M) x 1/2" NPT (M), 10' length, 2000 psi max
SWIVEL	
TSD931-104	Swivel, 1/2" (F) x 3/8" (M) 10,000 psi Max Pressure

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