



THOR
RANGE

Manual Unheated
Applications for 1K High
Viscosity Products

 **Kremlin Rexson**

Experts in Finishing and Dispensing Solutions

THOR: A SOLUTION FOR EACH APPLICATION



FOR YOUR MARKET

- Railways (passengers)
- Industrial Bodies & Cars
- Agricultural Machinery
- Building & Earthmoving Equipment
- Recreational Vehicles
- Solar Energy
- Households Goods
- Pleasure Boats

FOR YOUR PRODUCT

Single component adhesives and mastics:

- Butyls
- Epoxy
- Hybrids
- MS Polymers
- Polyurethanes
- Silicones

Other products:

- Waxes
- Inks
- Greases



AIR MOTOR

Simple Construction

- Minimum of parts
- Easy Maintenance

Operator Comfort

- Very quiet running

Reliability

- Proven design
- Anti-icing technology

ELEVATOR

Safety

- Optional two-hand safety available

Reliability

- Proven design

FLUID SECTION

Product handling

- Low shear characteristics
- Optimal flowrate
- Easy feeding

Constant product flow

- Fast air motor changeover

Simple Construction

- Minimum of parts

Reliability

- Hard chrome finish

FOLLOWER PLATE

Modularity

- Option for non moisture sensitive or moisture sensitive materials (PTFE coatings)
- Solutions for very high viscosity materials
- Designed to waste the minimum of materials

Perfect sealing

- Double seal follower plate



THOR: A COMPLETE RANGE

POWER

- Increased productivity: application time reduced thanks to higher continuous flowrate compared to cartridge applications.
- Suitable for high viscosity materials up to 1 million centipoises.

MODULARITY

- A wide range of options to suit your application.

SIMPLICITY

- Easy to use as simple as a cartridge application.

COST REDUCTION

- Increased quality: due to the continuous flow, there is no risk of faulty parts when joining beads compared to a cartridge gun.
- Reduced environmental costs due to large volume drum size compared to the disposal of many used cartridges.



PUMPS

SPECIFICATIONS	60.60	34.106	63.106	32.207	53.216	82.216
Pressure ratio	60/1	34/1	63/1	32/1	53/1	82/1
Fluid volume per cycle (cc)	60	106	106	207	216	216
Free flow rate at 60 cycles (l/mn)	3,6	6,3	6,3	12,4	12,9	12,9
Fluid output at 15 cycles (l/mn)	0,9	1,6	1,6	3,1	3,3	3,3
Seal packings	PTFE/PE	PTFE/PE	PTFE/PE	PTFE/PE	PTFE/PE	PTFE/PE
Wetted parts	Carbon steel	Carbon steel	Carbon steel	Carbon steel	Carbon steel	Carbon steel

RAMS



Single post ram for 20-30 litres drums Mini twin ram for 20-60 litres drums Twin post ram for 200 litres drums

FOLLOWER PLATES

Single wiper seal: for tapered drums or non moisture sensitive materials.

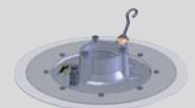
Double seal follower plate PTFE coated: for high viscous or moisture sensitive materials.

HOSES

PTFE (5 or 10 m with or without whip end of 2 m)

GUNS

250 bar or 500 bar



THOR: A LARGE CHOICE OF OPTIONAL EQUIPMENT TO COMPLEMENT YOUR NEEDS



Two Hand Safety Control Box pneumatic (only for twin post ram units): prevents any risk that the operator will trap his fingers between the drum and the follower plate.



Run-away Valve: for improved safety, it is prudent to fit a run-away valve when very high pressures are used and there is a possibility of the pump running out of material.



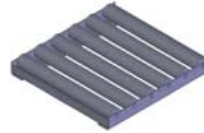
Low level stop Alarm Pneumatic (only for twin post ram units): audible alarm and pump stop when a preset level is reached in the material drum. Also used to indicate to the operator that he only has enough material left in the drum to finish the next job.



Heavy Duty Cart: for single post or mini twin post rams.



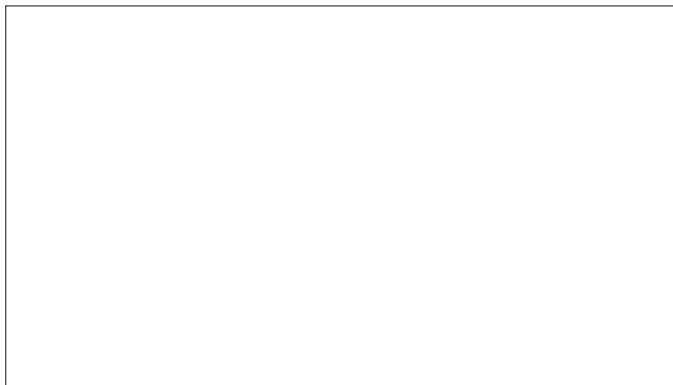
Material Filter: to seize/separate out impurities from the material.



Drum loading: for 200 litres systems for ease of loading.



Regulator : To control fluid pressure/flow rate, change fluid pressure to different values un a short time, dampen out pulsation on pump and help prevent snake head effect on gun opening.



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