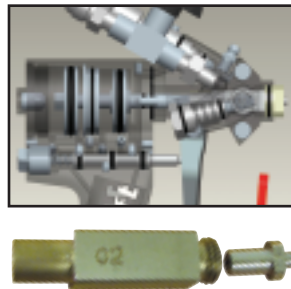


Probler P2

- Lightweight ergonomic design
- Dual piston triggering - 300 pounds activation power
- 2 piece mixing chamber
- Grease fitting - fast daily maintenance
- Internal check valve - liquid will not enter air passages of the gun
- Quick / easy change of dispense nozzles



GlasCraft
DISPENSING EXCELLENCE



Certified

a COHESANT company

© 2007 GlasCraft, Inc.



"After upgrading our hydraulic machines to the GlasCraft MH systems, we have noticed a significant increase in our foam yields and output. With the quick response of the MH heating system we can adjust to a variety of temperature changes during our daily foam applications. Coupled with the use of the Probler gun, the MH has decreased our downtime and increased overall production significantly!"

R.I. President - SE USA Coatings and Foam Contracting Company



23976-00
Does not include tip

FLAT SPRAY ADAPTER KIT



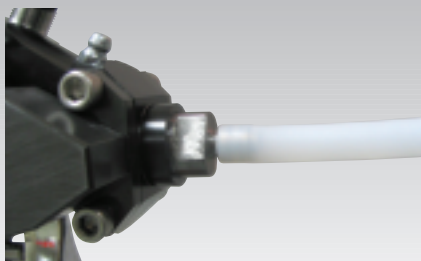
23436-03

RECIRCULATION KIT



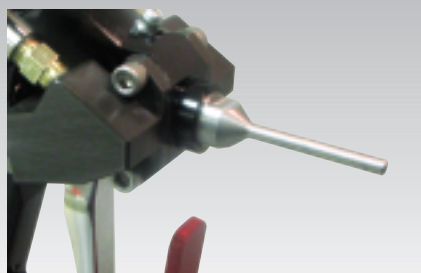
- | | |
|----------|----------|
| 23960-AA | 23977-AA |
| 23960-00 | 23977-00 |
| 23960-01 | 23977-01 |
| 23960-02 | 23977-02 |
| 23960-03 | 23977-03 |
| 23960-04 | 23977-04 |
| 23960-05 | 23977-05 |

MIXING CHAMBER AND INSERT



23984-00
Tubing 9704-11

POUR ADAPTER



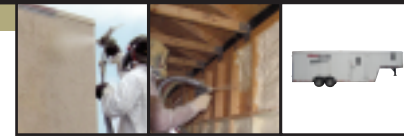
23983-01

JET STREAM TIP NOZZLE



23987-16
23987-24

FOAM INSULATION SPRAY TIP



Hydraulic Foam and Coatings Systems

High Performance Elastomeric, Polyurea and Fast Set Foam & Coatings Dispensing Systems



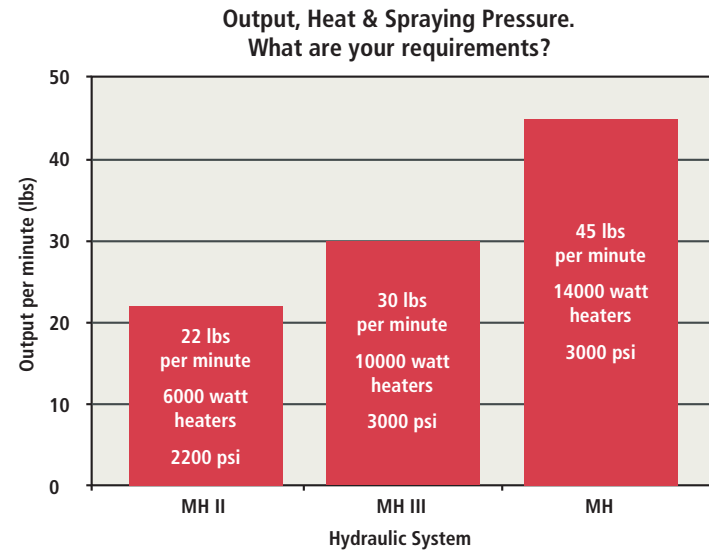
GlasCraft Hydraulic Machines

When choosing the best equipment package available today, several factors must be considered:

- Reliability
- Rugged
- Long lasting
- Consistency
- Easy to operate

Hydraulic powered systems have earned the distinction of being the best in all these factors with years of reliable, productive, and profitable service to the plural component industries. The components that GlasCraft builds into the hydraulic machines are the biggest and the best.

GlasCraft continues this long tradition with our MH, MH II, and MH III. Our hydraulic powered systems have the best components and are built to stand up to rugged and demanding work schedules.



The GlasCraft Advantage

Variable Ratio -
All GlasCraft hydraulic systems are available with a Variable Ratio configuration which allows for dispensing ratios from 1:1 to 5:1.



Low Voltage Automatic Heated Hoses -
These hoses eliminate the temperature guesswork. A digital controller keeps our hoses at the set temperature needed for maximum yield. The in-line thermocouple enables a true temperature reading that is so critical to the proper installation of today's high performance foam and coating systems.

ISO Piston Lubrication System Option -
The PLS circulates pump lubricant in a sealed environment, providing longer seal life and further reducing scheduled maintenance.



Mobile, Modular, Hydraulic (MMH) Systems

Another GlasCraft Exclusive!

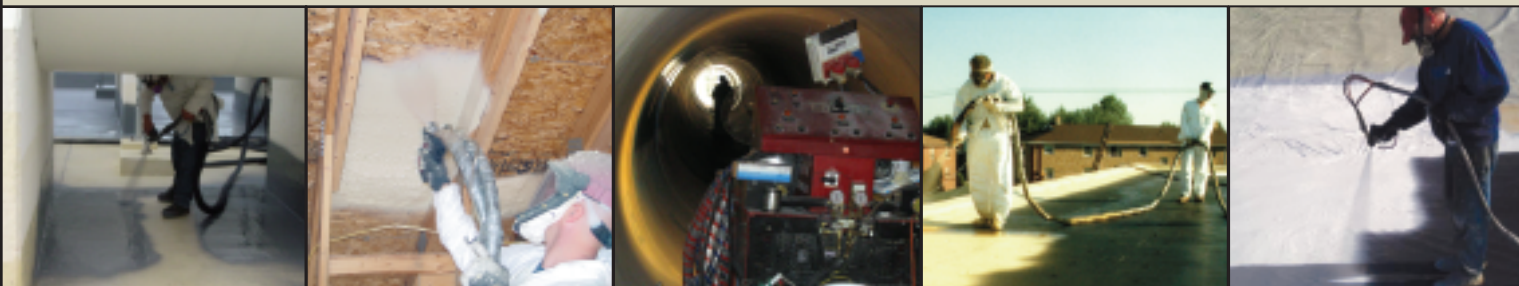
The GlasCraft Guardian MMH (Mobile, Modular, Hydraulic) systems are the first systems specifically designed for mobile rig installation and specifically designed with flexible layout and floor-saving benefits with wall mountable modular proportioning components.



Completely separate electrical, hydraulic and pumping units are tailor made to meet the needs of mobile rig operators in the foam and coatings markets. Test laboratories and demonstration facilities can also benefit from the modular design system. This GlasCraft-exclusive equipment solution allows contractors to increase the usable floor space in trailer- and truck-based mobile spray rigs by up to 250%!

Please contact GlasCraft or visit www.glascraft.com for additional information on the Guardian MMH system.

Applications



Secondary Containment - Petroleum* Spray Foam Insulation Desalination Plant - Polyurea SPF Roofing Seamless Membrane on Geotextile - Reservoir

* Photo Courtesy Dudley Primeaux Associates, LLC.

The Hydraulic Machine Series includes:

MH II Dispensing System

The MH II is the hydraulic system for high pressure, high output foam and elastomeric coatings applications. It is configured for both contracting and in-plant use.

Max Output: 22 lbs/min (10 kg/min)
Max Operating Pressure: 2200 psi (151 bar)

- 5.0 hp Hydraulic Power pack develops the pressure required to pump and mix the materials.
- Large 4" pump stroke operates slower for reduced seal wear and maintenance downtime.
- High efficient 6000 watts of primary heaters keep up with any rated output.



MH III Dispensing System

The MH III system is the Tier 1 industry standard for high pressure, high output foam and elastomeric coatings applications. It is configured for both contracting and in-plant use.

Max Output: 30 lbs/min (16 kg/min)
Max Operating Pressure: 3000 psi (207 bar)

- 5.0 hp Hydraulic Power pack develops the pressure required to pump and mix the materials.
- Large 4" pump stroke operates slower for reduced seal wear and maintenance downtime.
- Powerful 10,000 total watts of primary heaters provide 100° ΔT.



MH Dispensing System

The MH system is the industry workhorse for high pressure, high output foam and elastomeric coatings applications. It is configured for both contracting and in-plant use.

Max Output: 45 lbs/min (20 kg/min)
Max Operating Pressure: 3000 psi (207 bar)

- 7.5 hp Hydraulic Power pack is the most powerful in the industry.
- Efficient 5" pump stroke operates slower for reduced seal wear and maintenance downtime.
- Large fluid sections pumps 1 gallon in 16 strokes and has the capacity to pump over 5 gallons per minute.
- Powerful 14,000 total watts of primary heaters provide over 120° ΔT.



SYSTEM SPECIFICATIONS

	MH II	MH III	MH
Maximum Output	22 lbs / 10 kg per minute	30 lbs / 16 kg per minute	45 lbs / 21 kg per minute
Maximum Pressure	2200 psi / 145 bar	3000 psi / 190 bar	3000 psi / 190 bar
Hydraulic Motor	5.0 hp	5.0 hp	7.5 hp
Hose Length	50 ft / 16 m per section - (310 ft maximum length)		
Primary Heater	6000 watts - (3000 watts per side)	10000 watts - (5000 watts per side)	14000 watts - (7000 watts per side)
Maximum Material Temperature	190°F / 88°C	190°F / 88°C	190°F / 88°C
Electrical Requirements	Single Phase 220 VAC - 63 amp 60 Hz Three Phase 220 VAC - 32 amp 60 Hz Three Phase 380 VAC - 32 amp 50 Hz	Single Phase 220 VAC - 80 amp 60 Hz Three Phase 220 VAC - 50 amp 60 Hz Three Phase 380 VAC - 50 amp 50 Hz	Three Phase 208 VAC - 63 amp 60 Hz Three Phase 380 VAC - 63 amp 50 Hz
Fluid Section Displacement	.042 gal / cycle 24 cycles = 1 gal 159 cc / cycle 6.25 cycles = 1 liter	.042 gal / cycle 24 cycles = 1 gal 159 cc / cycle 6.25 cycles = 1 liter	.063 gal / cycle 16 cycles = 1 gal 239 cc / cycle 4.2 cycles = 1 liter
Pump Stroke Length	4 in / 10.2 cm	4 in / 10.2 cm	5 in / 12.7 cm
Air Requirement at 1 gal / min Output (3.9 liters minute)	10 cfm @ 100 psi, 285 l / min @ 6.8 bar (Includes air transfer pumps)		
Air Requirement at Maximum Output	15 cfm @ 100 psi, 425 l / min @ 6.8 bar (Includes air transfer pumps)		
Piston Lubrication System	Optional	Optional	Not Available
Safety	Factory set over-pressure and over-temperature shutdown systems are standard.		
Hoses	Digital controller keeps our hoses at the set temperature and eliminates temperature guesswork.		
Electronics	Durable solid state electronics are built for the toughest applications.		
Variable Ratio Option	Ratio up to 5:1 available		