



FOMO's MAGNUM™ HEATED SYSTEM with HANDI-FOAM®



Handi-Foam® Magnum™ System

- ▶ simple, portable, durable, refillable, high volume foam delivery system
- ▶ heated hose with thermostat control eliminates ambient impact on foam and delivers high yields
- ▶ powered by standard 120V/60Hz outlet
- ▶ hose length up to 200' (60m.)
- ▶ no pumps or motors = easier/faster set-up & tear-down, and much cheaper maintenance & operation
- ▶ low start-up costs vs other systems (<\$10K vs ~\$25K or more)
- ▶ once emptied, vessels are returned for refill – less environmental impact



Fomo Products, Inc.

A member of the PLM Group of Companies
Manufacturing system registered to ISO 9001:2000



Magnum™ Pros/Cons

Pros

- Low Upfront Costs
- Minimal Startup and Shutdown Procedures
- Minor Maintenance Costs
- Simple Spray Process
- Power Requirement is 110V
- Renewable Tanks – Ecological
- Smaller Trailer or Truck Can be Used
- Controlled Product Spray for Minimal Product Waste
- Very Low Atomization of Material Means Much Less Employee Exposure Risk
- No Pressurized Air to Clog Lines
- Significant Volume of Foam

Cons

- Slightly Higher Material Cost and Lower Spray Rate than High Pressure Systems



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High Pressure Pros/Cons

Pros

- Slightly Less Expensive Material Cost
- Higher Spray Rate



Cons

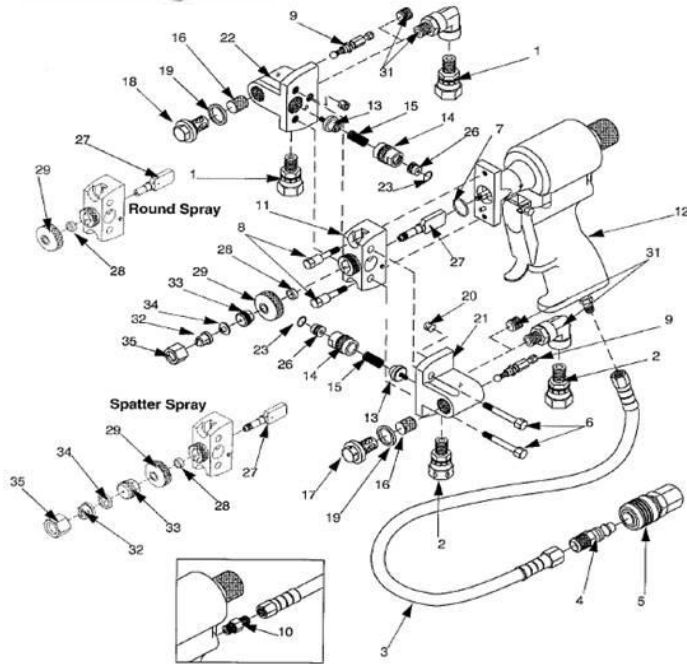
- Large Upfront Costs
- Extensive Start and Shutdown Procedures
- High Maintenance Costs
- Complex Spray Process
- 55-gallon Drum Challenges with Shipping and Hazmat Disposal
- Major Power Requirements
- Uncontrolled Product Waste
- High Atomization of Material Means Greater Employee Exposure Risk



High Pressure Cons



- ▶ typical high pressure gun has over 80 serviceable parts, and costs thousands of dollars to purchase





Patented Handi-Gun®

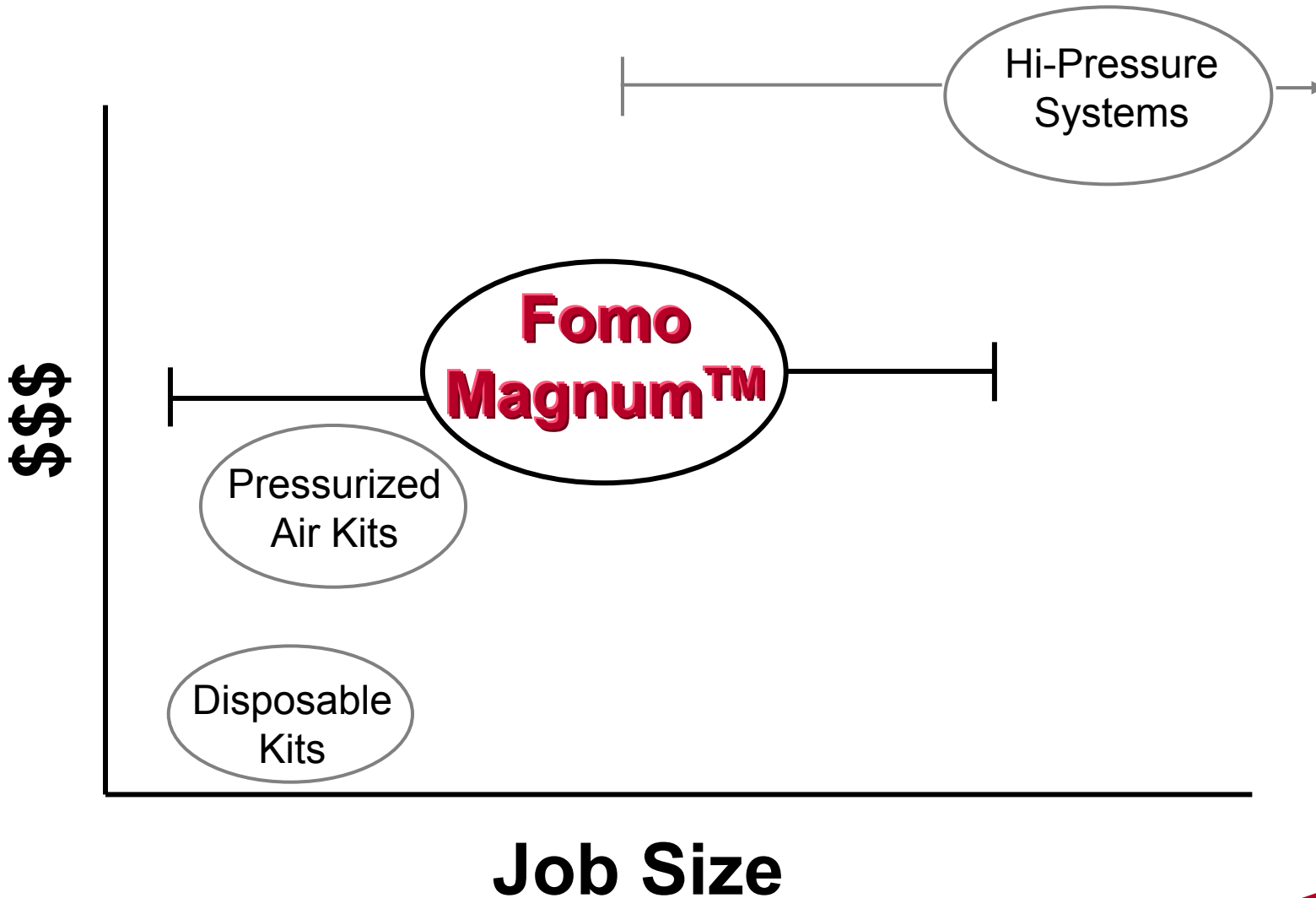


► only ONE serviceable part, the spray nozzle

► purchase/replacement cost of entire gun is under \$100



Fomo Magnum™ Flexibility





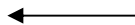
Spray Foam and Pressurized Air

- ▶ Spray foam raw materials cure and harden immediately when exposed to moisture
- ▶ Pressurized air contains moisture
- ▶ Spray foam systems using pressurized air take great risks
- ▶ Fomo's Magnum™ uses nitrogen, a clean, stable, inexpensive and DRY propellant easily sourced anywhere locally



Fomo Magnum™ Simplicity

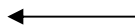
Easy to manage



Correct Head Pressure

+

Easy to manage



Correct Chemical Temperature

+

Good Spray Technique



Easy to develop

=

Good, Profitable Foam



Closed Cell vs Open Cell

Open Cell Pros

- ▶ Less expensive per square foot of material

Open Cell Cons

- ▶ Low R-value (~3.7/in)
 - ▶ Often does not meet attic code
- ▶ Very Poor Moisture Resistance
 - ▶ Holds moisture for weeks – potential opportunities for rot/mold development
 - ▶ Distributes moisture across entire body of foam, complicating repair efforts
- ▶ Cannot be used in hybrid applications
- ▶ IRC requires an ignition barrier in attic and crawlspace applications ***

Closed Cell Pros

- ▶ Higher R-Value (6.2/in)
- ▶ Innate Moisture Skin – far less permeable; greatly resists water absorption & dries quickly
- ▶ Can be used in hybrid applications ***

Closed Cell Cons

- ▶ IRC requires an ignition barrier be used in attic and crawlspace applications ***
- ▶ More expensive per square foot of material

***** Hybrid applications with skim coats of closed cell foam beneath fiber insulation meet IRC ignition barrier requirements. Always check with local Code officials, as well.**



Advantages of Magnum™

MAGNUM™

- <\$10K entry cost; Fast ROI
- Simple set-up & operation
- Low pressure is easier to control
- Few to no break-downs
- Very inexpensive annual overhead
- Emptied systems are returned, more environmentally friendly
- Profitable on all sized jobs
- Minimal expertise requirements
- Fast to use, operate
- Less atomization of material in air – little to no insurance impact
- Low energy use
- Can use with hybrid applications
- Far fewer code questions
- Supplements your existing business

OTHER FOAM SYSTEMS

- ~ \$25K or more entry cost; Long ROI
- Complex machinery & operations
- High pressure delivery more difficult to control
- Frequent break-downs
- ~ \$20-30K annual overhead
- Emptied drums need chemical cleaning, less environmentally friendly
- Profitable only on large jobs
- Significant expertise requirements
- Fast **IF** no downtime experienced
- Need for more ventilation – potentially huge insurance impact
- Larger energy use
- Tough to use on hybrid applications
- Code concerns re: R-value and ignition barrier
- Dominates your entire business focus

Magnum™ removes cost barriers to entry and provides application simplicity & flexibility

Magnum™ – Applications

➤ Retrofits / Home Performance Improvements / Weatherization

- Critical Seals
- Attic Floors
- Ice-damming
- Cold Floors / Bonus Rooms

➤ Niche Applications

- Wine Rooms
- Sound/Entertainment Rooms
- Crawl Spaces & Sub-floors
- Rim & Band Joists
- Add-ons

➤ Block Fill

➤ Full Wall Cavity Fill

➤ Hybrid Installs (“flash n batt”, etc)

➤ Insulated Concrete Forms (ICF's) Roofing Assembly Critical Seal



Magnum™ System – Next Steps

- ▶ simple pre-qualification items & Fomo certification training required before release of product to fill order
 - ▶ ***NO*** tuition fees for 1-day training (other foam systems charge for training)
 - ▶ Call Energy Efficient Solutions @ 877-464-5828 to schedule training and complete pre-qualification
- ▶ training equips user and distributor with knowledge to operate system confidently and profitably
- ▶ key to any good foam is keep core temperature correctly
- ▶ Magnum™ – simplicity is good!





Fomo
Products, Inc. 



Thank you!