

Hydraulic Mini Link System



Highly Consistent Deliver with Hydraulic Drive
Ideal for Use in Pultrusion Process
Precision Metering

Hydraulic Mini Link System



Specifications:

Metering pumps:.....(2) VHPC-2200 fluid sections
 29.35 cc/stroke, maximum stroke count 61 or
 1790 cc/min with metering pump stroke length at 1:1 ratio
 (minimal variance may occur depending on proximity switch
 location for pump reversal)

Motor: ¾ H.P.

Power requirements:120 Volt, 22 amp or
 220 V single phase, 13.7 amp
 (voltage must be specified on order)

Air requirements:.....20 CFM at 100 psi of clean dry air

Tanks: 15-gallon (57 liter) gravity feed
 (max fill load, 12-gallons each)

Flush tank: 3-gallon (11 liter) pressure tank
 (none flammable solvents recommended)

Unit base:Portable base 42" x 29"
 (106 cm x 74 cm)

Approximate Shipping Dimensions:

49 in.(124.5 cm) x 48 in.(121.9 cm) x 69 in.(175.3 cm)
 Weight: 736 lbs (333.8 kg)

Magnum Venus Plastech is pleased to introduce a system ideal for Composite Pultrusion manufacturers -- the Mini Link Hydraulic System.

The Mini Link system uses a hydraulic motor and cylinder to drive the metering system, which delivers an extremely consistent mix/meter of materials at low flow rates not possible with a pneumatic drive system.

This is a critical requirement when injecting mixed/metered resin into a pultrusion die, maintaining proper glass to resin ratios with almost no waste. The hydraulic pump reversal is achieved using two magnetic proximity switches for rapid pump reversal change.

Both material fluid sections are constructed from stainless steel, and the piston rod and fluid cylinders use hardened 440 stainless steel for wear resistance. Both fluid sections are adjustable for ratio variations, though typical applications only require a 1:1 ratio.

The control panel includes a single turn potentiometer to control the speed of the metering system, and an LCD rate indicator for speed reference.

Two thermoplastic 15 gallon gravity feed containers with angle base bottoms are standard. Each container feed line includes filter housings with 30-mesh screens. The resin tank lid includes an air driven mixer and the Isocyanates tank lid has a desiccant vent dryer.

The MVP Automatic 1:1 Pro Gun is used for mixing/dispensing of the A & B materials using a pneumatic actuator for open/close position. Both A & B materials only come into contact at the static mixer, so the only part to be replaced if the gun is not flushed or purged is an inexpensive static mixer.

A 3-gallon solvent tank with air purge selector valve makes clean-up a breeze on system shut-down.

Call TODAY to learn more about this new system.



CPD-6000
1:1 Automatic Pro Gun



Pro Gun with 3-Way Valve
Safety Override



Hydraulic Drive



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