

321E™ SPECIFICATIONS

	321E STANDARD	321E HP (HIGH PRESSURE)	321E SP (SINGLE PHASE)
Power	15 hp electric motor	15 hp electric motor	7.5 hp electric motor
Speed Control	Dial-a-Speed hydraulic speed control	Dial-a-Speed hydraulic speed control	Dial-a-Speed hydraulic speed control
Pump Output	Variable 0-23 gpm or 60 bags per hour	Variable 0-15 gpm or 40 bags per hour	Variable 0-15 gpm or 35+ bags per hour
Pump Size	3 in x 20 in dual hydraulic piston	3 in x 20 in dual hydraulic piston	3 in x 20 in dual hydraulic piston
Pump Hopper Capacity	Standard 3.6 cu ft, floor hopper 13.5 cu ft	Standard 3.6 cu ft, floor hopper 13.5 cu ft	Standard 3.6 cu ft, floor hopper 13.5 cu ft
Pump Charge Height	Standard 3.6 cu ft 40 in, floor hopper 20 in	Standard 3.6 cu ft 40 in, floor hopper 20 in	Standard 3.6 cu ft 40 in, floor hopper 20 in
Pressure Output***	900 psi recommended max working/adjustable pressure control	1,500 psi recommended max working/adjustable pressure control	600 psi at full flow/800 psi max with pressure and horsepower control
Cooling	Water-jacketed heat exchanger	Water-jacketed heat exchanger	Air-cooled heat exchanger
Remote Control	2 wire On/Off	2 wire On/Off	2 wire On/Off
Width	28 in	28 in	28 in
Length	62 in	62 in	62 in
Height	34 in	34 in	34 in
Weight	1,270 lbs bare machine, +80 lbs 3.6 cu ft hopper, +175 lbs 13.5 cu ft floor hopper	1,270 lbs bare machine, +80 lbs 3.6 cu ft hopper, +175 lbs 13.5 cu ft floor hopper	925 lbs bare machine, +80 lbs 3.6 cu ft hopper, +175 lbs 13.5 cu ft floor hopper
Power Requirement	50/60 HZ 190/208/240 V 44/39/37 FLA 3Ø	50/60 HZ 190/208/240 V 44/39/37 FLA 3Ø	60 HZ 208/240 V 38/33 FLA single Ø
NEMA Plug Configuration	50A 3Ø 250V, 50A 3Ø 480V	50A 3Ø 250V, 50A 3Ø 480V	50A 1Ø 250V
Optional high voltage	50/60 HZ 380/460V 22/18.5 FLA 3Ø	50/60 HZ 380/460V 22/18.5 FLA 3Ø	none
Wheels	2 - 8 in rigid x 2 - 8 in swivel caster urethane over steel	2 - 8 in rigid x 2 - 8 in swivel caster urethane over steel	2 - 8 in rigid x 2 - 8 in swivel caster urethane over steel
Drive	Pressure compensated hydraulic drive	Pressure compensated hydraulic drive	Pressure compensated hydraulic drive with horsepower control
Pump Outlet	2 in NPT pipe	2 in NPT pipe	2 in NPT pipe
Air Output	12 cfm @ 40 psi (90 psi max) onboard compressor	12 cfm @ 40 psi (90 psi max) onboard compressor	optional
Max Aggregate size*	.188 in	.188 in	.188 in
Maximum Pumping Distance**	600+ ft	900+ ft	500+ ft
Options ****	High voltage input	High voltage input	Compressor attachment
	Wireless remote	Wireless remote	Wireless remote
	2 in heavy duty or victaulic pump outlet	2 in heavy duty or victaulic pump outlet	2 in heavy duty or victaulic pump outlet
	Floor hopper or vertical	Floor hopper or vertical	Floor hopper or vertical

*This is maximum aggregate size recommended for pump. Mix design will determine how well product will pump.
**Pumping distance and output may be increased or decreased significantly depending on mix design, but we believe these to be achievable in most instances.
***Maximum pressure/distance and maximum output cannot be achieved simultaneously.
****Items may not be stock and may add lead time to order.

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RUGGED
PRODUCTION
WITH THE EASE OF
PORTABILITY



APPLICATIONS

Fireproofing

For parts, accessories or additional information, visit HyFlexcorp.com.



If you don't believe the hype about the 321E, try it out for yourself!
We offer monthly rates. Call 866-849-6246 for rates, recommendations and availability.



PRODUCT OVERVIEW

Speeding Up The Industry
One Pump At A Time

8774 S. St. Rd. 109 | Knightstown, IN 46148 | 866-849-6246 Toll-Free | 765-571-5167 Fax | HyFlexcorp.com

321E™ Rugged. Efficient.

MADE IN AMERICA

All metal fabrication and engineering is done in our Indiana facility

HEAVY DUTY

Made from durable materials/Built tough for years of reliable field use

LONG LIFE SPAN

Long stroke, oil bath, super chrome cylinders and reinforced cup design result in reduced maintenance

FIELD SERVICEABLE

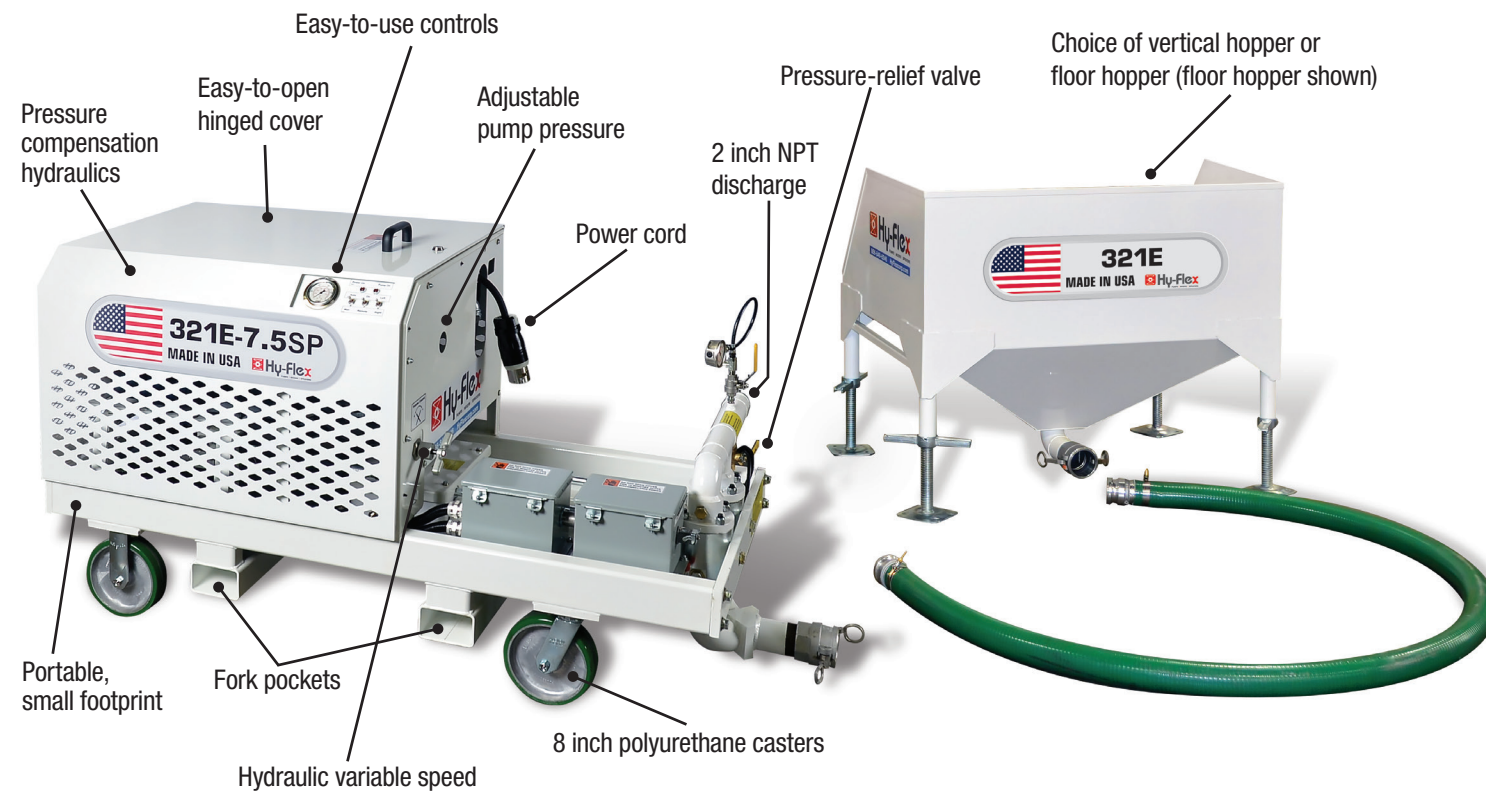
Fast, easy repair on the jobsite with our replacement piston assembly

HIGHLY DEPENDABLE

Unique all-hydraulic design reduces the serviceable parts – more run time on the job

PORTABLE PRODUCTION

Fits in a service elevator, easily pumps more than 50 stories vertically and more than 900 feet horizontally



Portable & Powerful. Period.



BENEFITS

- It's the smallest high production fireproofing pump in the world, and it can operate street side or in the building
- Very portable — easily fits into a short bed pickup truck, through most doors and into most elevators
- The pressure-control system greatly reduces dangerous hose whips
- 20 inch stroke dual piston system greatly reduces ball, seat and cup wear, offering the lowest maintenance cost in the industry
- Adding a quart or less of lube oil is the only required daily maintenance
- There are no bearings, bushings, transmissions or clutches to replace or maintain
- The rugged hydraulic system provides many years of service without expensive repairs
- Greatly reduced cost and improved performance when the single phase model is compared to rotor/stator pumps
- Easy to understand and operate controls
- Large 8 inch polyurethane casters for easy moving
- Large inventory of parts! Orders placed by noon will be shipped out the same day

Look What Our Customers Say ...

"This is a great machine. It never breaks down; I never have any issues with it. The Hy-Flex team is equally strong. It's just a great group of polite people. Like the 321E machine itself, Hy-Flex always helps me out."



Michael Rich
President
RicMor Construction Inc.

"This is one of the simplest and most effective machines I've ever used. Hy-Flex's staff is as helpful as its machines. They're always friendly and able to answer questions. But you won't have any questions or confusion when it comes to using the 321E."



David Dal Pra
Project Manager
Wohl Diversified Services

"I actually have a 321 in my truck right now as we speak. I love this machine. It gives you the most bang for your buck as far as distance pumps go. It's incredibly easy to work with — simple and super-convenient."



Bill Baer
Fireproofing Project Manager
Midwest Service Group



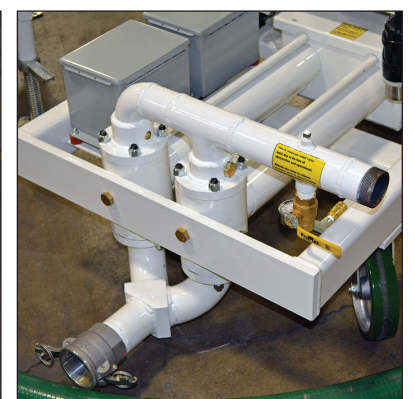
Simple-to-adjust volume control



Convenient controls with indicator lights



Optional floor hopper



Easy-to-access manifolds