



# SOLO XPRESS

## FRAME VULCANIZING PRESS

Solo Xpress Model 100-1337T1F  
with inset T1F control panels



The Almex Solo Xpress is a dependable, lightweight, portable frame press designed for a single user. With a simple yet efficient design, this two-piece press can be easily and quickly assembled and disassembly. Its minimal weight makes it easy to move to the splice location.

### FEATURES

- Signature Shaw Almex Pressure Bag uniform pressure system
- Custom Extruded Plank cooling system within platens
- Innovative Silicone Element fast heating system
- Upper and lower rugged aluminum frames
- T-Series control panel for managing temperature
- Side and end handles make transportation easy
- All electric control panels used with Solo Xpress are CE, CSA and UL approved
- Solo Xpress platens have a rhombic configuration, presses can be aligned side-by-side for longer splices
- Each press is built-to-order

### SPECIFICATIONS

- **PLATEN** Flexible platens contour with irregularities in the belt, ensuring uniform pressure across the entire splice area. Platens are built with extruded plank, durable silicon heating elements and composite insulating package. Platens available in rhombic, rectangular or Unipress (2 sets of rhombic/rectangular platens) configurations.
- **TRAVERSE BARS** Box beam construction is shaped to allow for easy carrying with flanges located on each corner. Bars are available in three profiles, UBR, UBRX and UBRXL and are designed to accommodate wider belt lengths and higher pressures. Patented connector blocks ensure proper spacing between the bars during setup and also function as a secondary safety system.  
The **High Tensile Restraint System (HTR)** works with the traverse bars to contain the components of the press. Unique adjustment blocks allow for eight different daylight adjustments. HTR restraints can conveniently be stored inside the traverse bars during transportation. Each HTR is encased in protective urethane. Safety factors are increased three fold with the use of the HTR System.
- **CONTROL PANELS** Three available types: Standard T4P, T4P with ground fault and SG1 Switchgear Box. SG1 is used with ALMEXPAD and controls two separate sets of platens. For further information on control panels refer to product sheet.
- **PRESSURE/COOLING** Pressure Bag provides even pressure over the total splice area. For pressures above 7 kg/cm sq (100 PSI) a Fluid Pressure Pump and Reservoir unit Model HPP20-4 is mandatory to pressurize the bag with fluid. Pump includes gauges for fluid level and pressure. Extra reservoirs are easily added for larger presses. HPPC20-4 offers pressure with cooling option. Larger fluid pressure systems available for special applications only, all larger units include cooling function as standard. Models available: HPPC-100 (100 US gallon capacity), HPPC-300 (300 US gallon capacity) and HPPC-500 (500 US gallon capacity).



**Note:** The above data is based on extensive testing and represents standard values. Shaw Almex Industries reserves the right to make changes without prior notice and refuses all claims arising from such changes. All items are subject to change without previous notice.

<b>Model – SOLO Xpress</b>	Maximum operating pressure 100 PSI (7 kg/cm <sup>2</sup> ) Maximum temperature 325 deg F (160 deg C)
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MODEL	PLATEN SIZE		MAXIMUM BELT WIDTH		WEIGHTS				OVERALL HEIGHT		OVERALL WIDTH		OVERALL LENGTH	
	IN	MM	IN	MM	TOP HALF		TOTAL		IN	MM	IN	MM	IN	MM
					LBS	KG	LBS	KG						

**Rhomboid platens built on a 22 degree bias with a “left-hand” lead.**

SOLO-1332-22-100	13 x 32	330 x 815	24	600	78	35	172	78	18	455	18	455	51	1295
SOLO-1337-22-100	13 x 37	330 x 940	32	800	85	39	185	84	18	455	18	455	56	1420
SOLO-1343-22-100	13 x 43	330 x 1090	36	900	100	45	210	95	19	480	18	455	62	1575
SOLO-1350-22-100	13 x 50	330 x 1270	42	1050	134	61	310	141	20	510	18	455	69	1750
SOLO-1353-22-100	13 x 53	330 x 1345	42	1050	150	68	340	155	21	535	18	455	72	1830
SOLO-1356-22-100	13 x 56	330 x 1420	48	1200	156	71	350	159	21	535	18	455	75	1905

*Model below not available with fast heat.*

SOLO-1370-22-100	13 x 70	330 x 1780	60	1500	234	106	510	231	24	610	18	455	90	2285
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*Specifications are approximate and subject to change without notice.*

Custom Heavy Duty Frame (for continuous shop or repeated use application) available upon request. Discuss with your local vulcanizer sales representative.
All SOLO models include side carrying handles.
Optional 1/8 inch (3 mm) aluminum plate available for side by side arrangement. Available on request.