

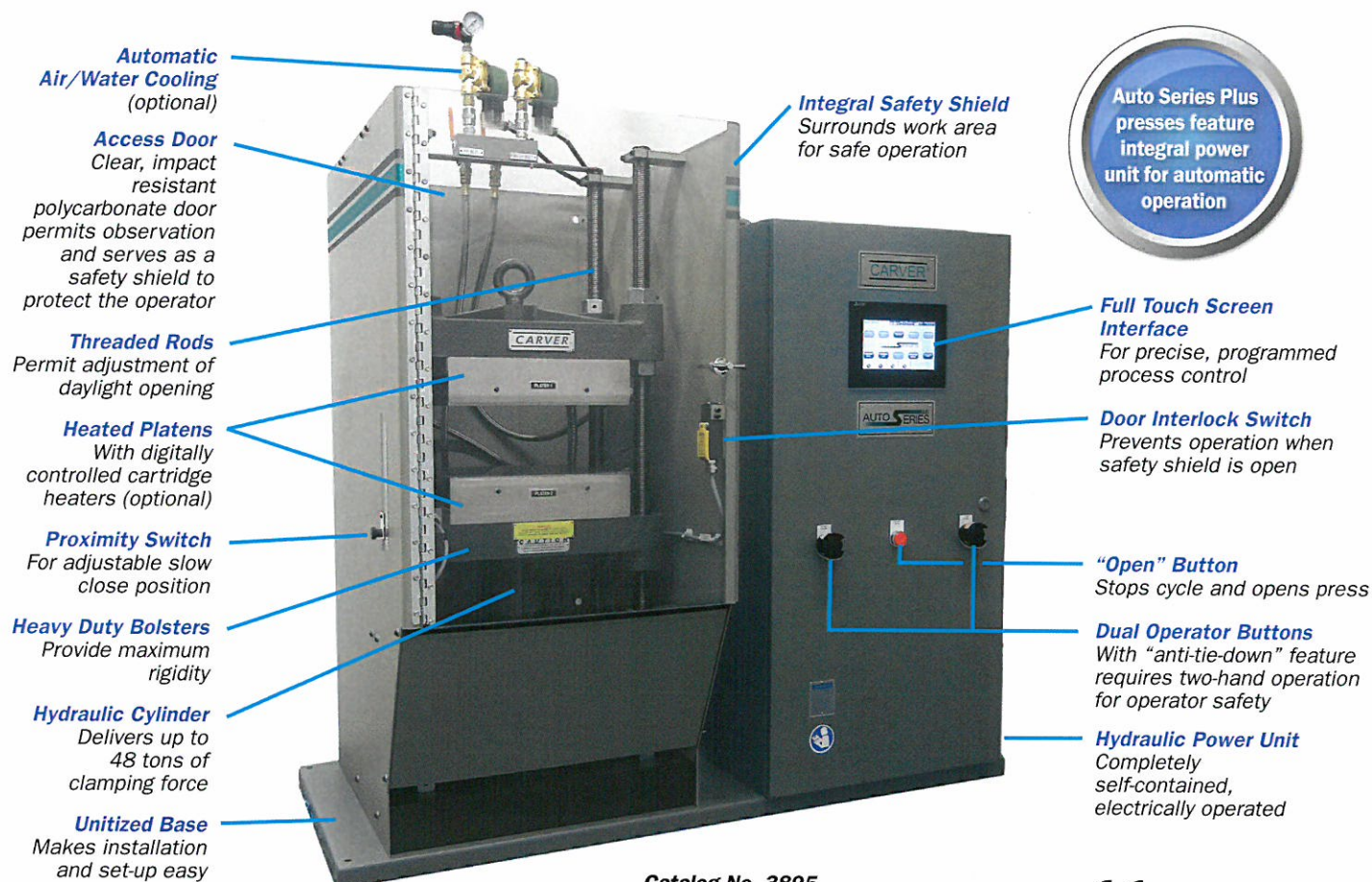
# CARVER®

## Auto Series Plus Compact Automatic Benchtop Presses

15 to 48 ton capacity

### AUTO SERIES PLUS

## Automatic hydraulic laboratory presses in two- and four-post models up to 48 ton clamp capacity



Catalog No. 3895  
Auto Four/3012-PL,H, 30 ton capacity

CE available

Carver, Inc. introduces the New Auto Series Plus Automatic Hydraulic Laboratory Presses. These new presses feature a 7" color operator interface, enhanced platen temperature control with auto-tuning, ramp heating capability, real-time trending of force and temperature. Another enhancement includes storage of up to 250 recipes with recipe preview. Optional features include data logging for cycle parameters and seven day timer for auto platen heat-up.

Auto Series Plus press models are available with 15 to 48 tons for clamping force and 6" x 6" to 18" x 18" work area (platen size). These benchtop presses are used in quality control, research and development for test sample preparations, destructive testing, molding, laminating and fluid extraction.

- Large 7" color touch screen operator interface
- Storage of up to 250 recipes
- Enhanced platen temperature control with auto-tuning
- Ramp heating capability
- Recipe preview
- Real-time trending of force and temperature
- Seven day timer for auto platen heat-up (optional)
- Datalogging of cycle parameters (optional)
- Access to logged data through Wi-Fi (optional)
- 48 ton models include a wrap-around floor stand

# CARVER MANUAL HYDRAULIC PRESSES AND ACCESSORIES

## The compact, portable Mini C press

Twelve ton manual, two-column hydraulic press with 6" x 6" square work area. Compact and portable, requiring less bench space than our Model C. This press is ideal for constricted bench space or glove box applications, as well as field work. It features adjustable daylight, steel construction for rigid precision and includes safety shield for operator protection. Easy-to-read dual scale gauge, reading in pounds force and metric tons. Catalog No. 3850.



## Standard Manual Unheated Model M – Also available to outfit with accessories to match your application needs.

(Model M) Twenty-five ton, manual, two-column hydraulic press. Daylight opening is adjustable to 16". Rigid cast iron and steel construction for precision and durability. Easy-to-read dual scale analog gauge, reading in pounds force and metric tons (picture shown with analog gauge). Catalog No. 3853.



## AutoPak™ Power Units add power to existing manual presses

- Self contained 1/4 HP hydraulic power unit
- Develops maximum clamping force for most of our 12, 25 & 30 ton manual press models (minimum 1,000 lbs)
- Six feet of hose for connecting to existing Carver hand operated press
- Programmable control system (pressure only)
  - Full touch screen interface
  - 10 recipe storage capability
  - 20 programmable segments of clamp force, cure time per recipe
  - Programmable in units of Kg, US Tons, Metric Tons & Pounds
  - Automatic bump sequence (can be programmed in any or all segments)
- Two "anti-tie-down" close buttons for operator safety
- Interlocked switch for existing safety shield door included
- Electrical disconnect (non-fused)
- Approximate Dimensions & Weight: 24" L x 20" W x 21" H, 130 Lbs



## Standard Unheated Model C – Also available to outfit with accessories to match your application needs.

Twelve ton, manual, two-column hydraulic lab press. Similar to Mini C above, but larger, heavier construction with daylight to 18". Easy-to-read dual scale gauge, reading in pounds force and metric tons. Catalog No. 3851.



## Accessories provide Carver laboratory presses with great versatility to accommodate different applications.

- Pellet Dies
  - Test Cylinders
  - Tile Molds
  - Hardened Plate Kits
  - Additional Analog Gauges
  - Digital Gauges
  - Heated or Heated and Cooled Platen Packages
  - Custom accessories for specific application requirements
- Higher capacity models also available.

Catalog No.	Model	Capacity (tons)	Supply Voltage (230V available upon request)
3946-NE	AutoPak/12	0.5 - 12	115V 1-Ph
3947-NE	AutoPak/25	0.5 - 25	115V 1-Ph
3948-NE	AutoPak/30	0.5 - 30	115V 1-Ph

Specify press model and serial number when ordering

## Specifications

€ models also available

Model	Catalog Number	Max. Clamp Force, Tons (lb)	Heated Platens	Platen Size (in)	Ram Stroke (in)	Daylight Opening (in)	Dimensions W x D (in)	Height (in)	Weight (lb)
Auto C-PL	3888	15 (30,000)	No	6 x 6	6	.75 to 16	42.50 x 24.00	45	625
Auto C-PL,H	3889	15 (30,000)	Yes	6 x 6	6	0 to 13	42.50 x 24.00	45	670
Auto M-PL	3890	25 (50,000)	No	9 x 9	6	.75 to 16	42.50 x 24.00	45	625
Auto M-PL,H	3891	25 (50,000)	Yes	9 x 9	6	0 to 12	42.50 x 24.00	45	690
AutoFour/1512-PL	3892	15 (30,000)	No	12 x 12	6	1 to 17	50.00 x 29.25	46	995
AutoFour/1512-PL,H	3893	15 (30,000)	Yes	12 x 12	6	0 to 12	50.00 x 29.25	46	1,200
AutoFour/1515-PL	4530	15 (30,000)	No	15 x 15	6	8 to 17	50.00 x 29.25	46	1,500
AutoFour/1515-PL,H	4531	15 (30,000)	Yes	15 x 15	6	2 to 12	50.00 x 29.25	46	1,775
AutoFour/3012-PL	3894	30 (60,000)	No	12 x 12	6	1 to 17	50.00 x 29.25	46	995
AutoFour/3012-PL,H	3895	30 (60,000)	Yes	12 x 12	6	0 to 12	50.00 x 29.25	46	1,200
AutoFour/3015-PL	4532	30 (60,000)	No	15 x 15	6	8 to 17	50.00 x 29.25	46	1,500
AutoFour/3015-PL,H	4533	30 (60,000)	Yes	15 x 15	6	2 to 12	50.00 x 29.25	46	1,775
AutoFour/4815-PL	5400	48 (96,000)	No	15 x 15	4	6 to 19	55 x 36	72	3,074
AutoFour/4815-PL,H	5401	48 (96,000)	Yes	15 x 15	4	0 to 15	55 x 36	72	3,384
AutoFour/4818-PL	5402	48 (96,000)	No	18 x 18	4	6 to 19	55 x 36	72	3,074
AutoFour/4818-PL,H	5403	48 (96,000)	Yes	18 x 18	4	0 to 15	55 x 36	72	3,444

Notes: Water cooling option adds approx. 9" to the press height. 48 ton Auto Series Model weight and dimensions include press stand.

Unheated Auto Series available in 115V or 230V, Heated Auto Series available in 230V, 1-phase operation. Carver reserves the right to change specifications without notice. Presses and accessories may differ from photos shown. Carver strongly recommends the use of a safety shield and personal protection equipment when operating Carver equipment.



**Carver, Inc.**  
 1569 Morris Street, P.O. Box 544  
 Wabash, Indiana 46992-0544 USA  
 Phone 260-563-7577 Fax 260-563-7625  
 E-mail: carverpress@acscorporate.com  
 Visit Our Store online at www.carverpress.com  
 ISO 9001:2008

