



# NEW PRODUCT DATA

Customized equipment to meet your specific requirements



No. 4555  
Manual Pellet  
Press



No. 3887  
AutoPellet  
Press

## CARVER Manual and Automatic Pellet Presses

### Designed for Sample Preparation:

All Carver pellet presses are designed to compact homogeneous powder into a usable pellet sample. Pellet dies are constructed of stainless steel for corrosion resistance with replaceable anvils. All dies include a pellet ejector. A 13 mm KBR pellet die is supplied with 12 and 25 ton presses. A 31 mm die for x-ray sample preparation is provided with 40 and 50 ton presses. An optional 40 mm is also available as well as dies for other specialized applications.

### Features:

#### Manual Presses

■ Evacuation port for connection to vacuum source ■ Oversize pressure gauge for ease of viewing ■ Integral safety shields

#### AutoPellet Presses

■ Evacuation port for connection to vacuum source ■ Rigid slab side construction ■ Counter bored platen for positive die alignment ■ Microprocessor control system ■ Storage for up to ten recipes ■ Programmable decompression rate

### Ordering Information:

#### Manual Presses

Manual Presses are ordered by their catalog number. They are supplied with die indicated in specifications table. Consult factory for other options.

#### AutoPellet Presses

Sample number	<b>3887.</b>	<b>1.</b>	<b>SD</b>
			PD = programmable decompression rate SD = selectable decompression rate
			1 = 115Vac 4 = 230Vac single phase
			3887 = 25 ton (includes 13 mm die) 4387 = 40 ton (includes 31 mm die)

### Specifications

Catalog Number	Type	Max. Clamp Force (U.S. tons)	Platen Diameter (in)	Supplied Die (mm)	Ram Stroke (in)	Daylight Opening (in)	Dimensions* W x D x H (in)	Weight (lb)
4350	Manual	12	4	13	5.1	0.0 to 5.50	10.5 x 14.0 x 24.4	115
4555	Manual	40	4	31*	6.0	0.0 to 6.00	32.6 x 15.0 x 31.2	400
4565	Manual	50	4	31*	6.0	0.0 to 6.00	32.6 x 15.0 x 31.2	420
3887	AutoPellet	25	5	13	1.0	1.5 to 7.25	31.5 x 19.8 x 22.0	400
4387	AutoPellet	40	5	31*	1.0	1.5 to 7.25	32.5 x 22.8 x 22.0	500

\* Height does not include handle on AutoPellet presses \* 40 mm die optional

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