

# CARVER®

## NEW PRODUCT DATA

Customized equipment to meet  
your specific requirements



No. 4555-L  
Manual Pellet Press

**NOTE: Standard manual pellet presses come with analog gauge. Digital gauges available upon request.**



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 440 stainless steel for corrosion resistance. All dies include a pellet ejector. A 13 mm die for IR sample preparation is supplied with 12 ton manual press (Model 4350). A 31mm die for x-ray sample preparation is provided with our 40 and 50 ton manual presses (Model 4555 & 4565). Some replaceable parts available on die sets. Consult factory for details. These presses are also available less the die. This allows the customer to choose the die they would like.

### 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
- Programmable control system
- Storage for up to ten recipes
- Programmable decompression rates

### 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.

#### Available Pellet Dies

Catalog Number	Sample Dimensions	Maximum Applied Load
4417	6mm	3,500 Lbs Max
4946	12mm	13,000 Lbs Max
3619	13mm	18,000 Lbs Max
4369	25mm	47,000 Lbs Max
3902	31mm	60,000 Lbs Max
3876	40mm	70,000 Lbs Max

Constructed of 440 Stainless Steel, except ejector

Catalog Number	Max. Clamp Force U.S. Tons (lb)	Platen Dia. (in)	Die (mm)	Ram Stroke (in)	Daylight Opening (in)	Footprint L-R (W) x F-B (D) [inches]	Height (in)	Weight
4350	12 (24,000)	4	13	5.1	0.0 to 5.5	10.5 x 14	24.4	115
4350L	12 (24,000)	4	N/A	5.1	0.0 to 5.5	10.5 x 14	24.4	115
4555	40 (80,000)	4	31	6.0	0.0 to 6.0	32.5 x 15	31.2	400
4555L	40 (80,000)	4	N/A	6.0	0.0 to 6.0	32.5 x 15	31.2	400
4565	50 (100,000)	4	31	6.0	0.0 to 6.0	32.5 x 15	31.2	420
4565L	50 (100,000)	4	N/A	6.0	0.0 to 6.0	32.5 x 15	31.2	420
AutoPellet 3887	25 (50,000)	5	N/A	1	1.5 to 7.25	31.5 x 19.75	22 min to 28 max with handle	400
AutoPellet 4387	40 (80,000)	5	N/A	1	1.5 to 7.25	32.5 x 19.75	22 min to 28 max with handle	500

Note: Pellet Models with an "L" means less die. Additional Pellet Die sizes available.

☒ available



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