

Hot Presses

DOCUMENT 12035



100 TO 3000 TON CAPACITIES AVAILABLE

Savage manufactures specialty presses for hot forming, hot flattening, and creep forming of titanium and aluminum alloys. Savage hot presses feature an integral furnace to apply temperatures up to 1800° F. Frequently used in the manufacture of aircraft components of titanium or aluminum alloys.

Hot presses are also used for crystal forging (flattening) and sizing of large single crystals for MRI optical lenses, radiation detectors, and scintillation detectors.



100 ton Hot Press



400 ton Hot Press



500 ton Crystal Forging Press



100 ton Lab Model with 24" sq. bed



100 ton Shuttle Bed Hot Presses

SAVAGE HYDRAULIC PRESSES ARE APPLICATION-SPECIFIC AND JOB-ENGINEERED

Tonnage, bed size, stroke, daylight openings, and speeds are all customer-selected to meet your exact specifications

- Powered refractory heat shield or furnace walls enclosed heated platens on all four sides
- Up to 1800° F electric heating
- Hot air assist on crystal presses
- Down-acting clamp capacities to customer specifications
- Bed sizes and daylight openings to customer specifications
- Bed sizes to suit application
- Microprocessor-based temperature controls
- Diffusion Bonding applications
- Shuttle beds available



SAVAGE ENGINEERING & SALES, INC.

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metal forming

compression molding

straightening

sheet molding

drawing

assembly

horizontal

compaction

powder compaction

laminating

gluing/bonding

forcing

die repair

blanking

die spotting

special work

composites molding

bulldozing

trimming

hot press

fluid forming

hoisting

automation