

metal forming

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Explosive Compaction Opposed Ram Presses

50 TO 1000 TON CAPACITY

DOCUMENT 11031



Savage explosives compaction presses are designed per your product requirements. These presses compact explosive powder billets or shape charges, pyrotechnics, flares, munitions, countermeasures, etc. We build presses with single or opposed compaction rams, ejectors, and compaction tools to meet your needs. Opposed ram presses allow compaction from both ends of the tool cavity for a more even density on thick parts. Programs are also available to compact with either the upacting or downacting mode with the opposing ram used in a fixed position. Local or remote mounted hydraulics. Available rated for hazardous locations by using either air shift valving or intrinsically safe components. Local electrical components are mounted in either air purged NEMA 12 or explosion proof NEMA 7 cast enclosures to meet hazardous location ratings. Remote mounted computer storage of setpoint programs for programmable speeds, pressures, dwell times, vacuum, tool temperatures, and quantity of pressure applications. Available with tooling for compacting powders into munitions, warheads, countermeasures, and smart bombs.



600/600 Ton Model

Features opposed rams with adjustable center tool holder allows compaction from both ends toward center for improved density throughout. These presses feature both local and remote operation for explosive powder compaction.



250/200 Ton Model

Features opposed guided platens with adjustable center tool holder. Positive stops for depth control. Remote operation for explosive powders. Computer controlled programmable functions.



200 Ton Model Blocking Press

Press controls and vacuum systems for blocking solid rocket fuel the DOD. Blocking changes material into more storable form. We also build bailing presses for petroleum based products.

www.savagepress.com



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