

# Explosives Compaction Opposed Ram Press

DOCUMENT 12031



metal forming

compression molding

straightening

sheet molding

drawing

assembly

horizontal

compaction

powder compaction

laminating

gluing/bonding

forcing

die repair

blanking

die spotting

special work

bulldozing

composites molding

trimming

hot press

fluid forming

hobbing

automation

## 50 TO 1000 TON CAPACITIES AVAILABLE

SAVAGE Explosives Compaction Presses are designed per your product requirements. These presses compact explosive powder billets or shape charges, smart bombs, warheads, rockets, grenades, pyrotechnics, munitions, countermeasures, and flashbangs / smoke bombs for riot control.

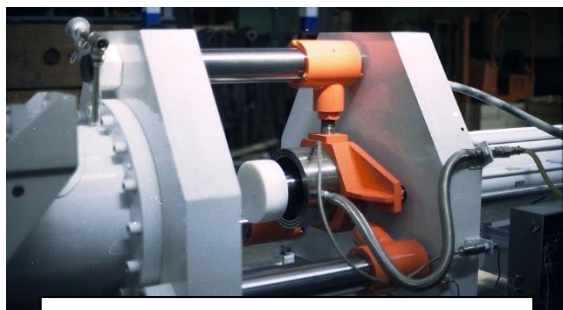
Single or opposed compactions rams and ejectors are sized for your application. Opposed ram presses allow compaction from both ends of the tool cavity for a more even density on thick compacts. Local or remote-mounted hydraulics. Rated for hazardous locations using intrinsically safe signals. Local electrical components are mounted in either air-purged NEMA 12, dust-proof NEMA 9, or explosion-proof NEMA 7 cast enclosures to meet hazardous location ratings. Remote computer storage of setpoint programs for programmable speeds, pressures, dwell times, vacuum, tool temperatures, and quantity of pressure / hold applications.



**Opposed Ram Warhead Compaction Presses**



**Remote I.S. Controls  
Located Behind Blast Wall  
with CCTV to Monitor  
Operation**



**Plastic Explosives Extrusion Press**



**Line of Presses for SFW  
(Sensor-Fused Weapons)**



**300 Ton Opposed Ram  
for LAW Rocket**



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