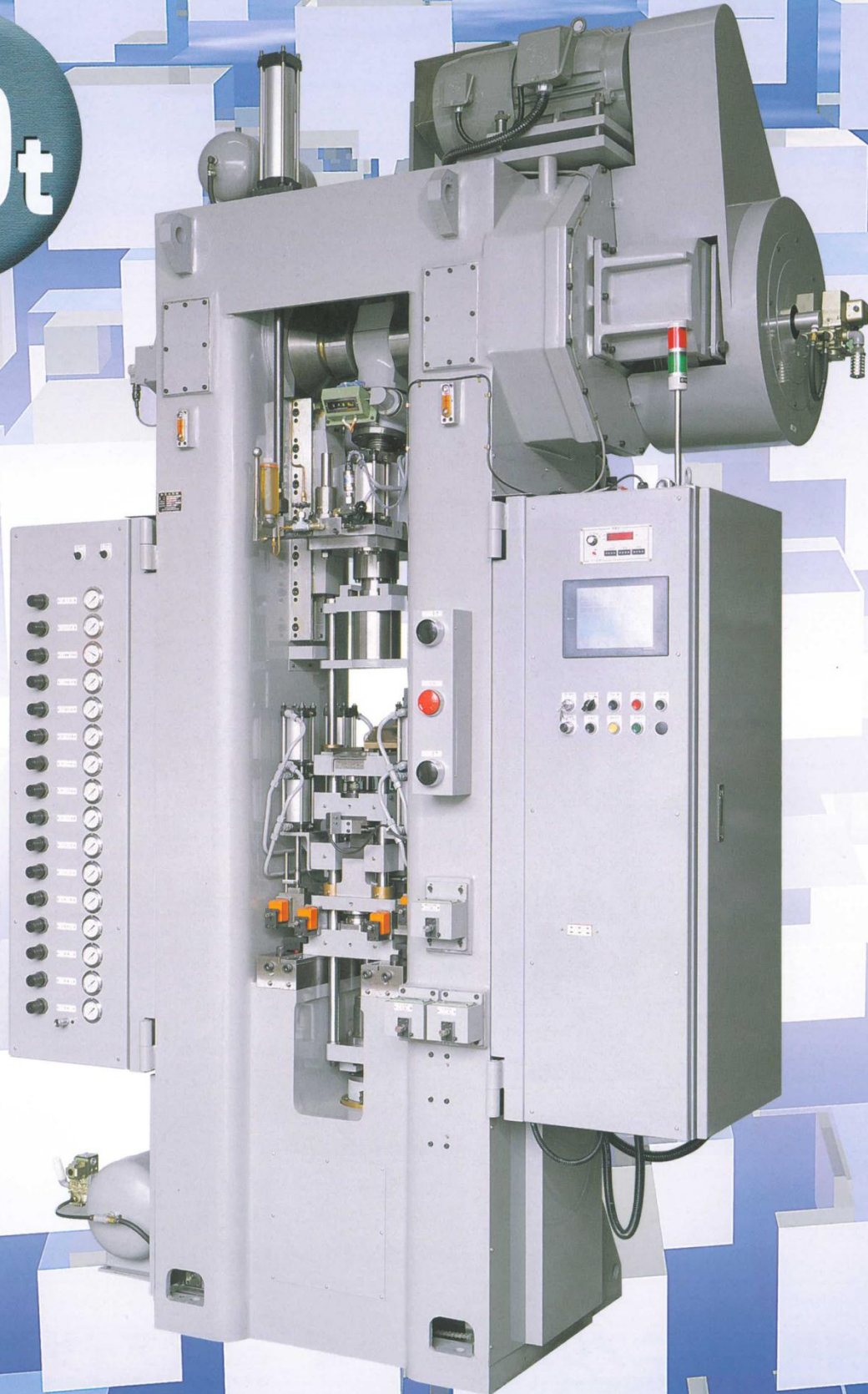


POWDER COMPACTING PRESS

Model PT-40

40t

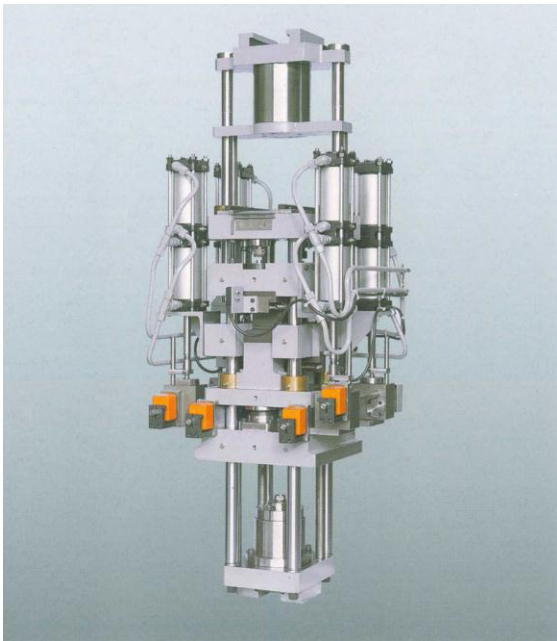


TSUKIMURA ENGINEERING INC.

Model PT-40

OUTLINE & CHARACTERISTIC

1. This press has top drive mechanism and is withdrawal type press.
2. This press is die set type and ejection position is always constant.
3. This machine is used the symmetry structure, so it is possible to run the press for long time without parts wearing, and it is easy to maintenance.
4. The upper ram counter balance cylinder is equipped.
5. The tonnage indicator has two contact point, upper and lower.
6. The die control is moved by spring force. This press does not use hydraulic, so the pressing motion is started and moved certainly.
7. The upper ram adjustment is electric, fill/after pressing adjustment is manual.
8. It is possible that die and core rod can support a force until 20 ton.
9. The inner punch within double punch of die set is available ± 1 mm pressure position adjustment.
10. The inner/outer punch within double punch portion are both available stroke adjustment.
11. The pressure position adjustment amount of #1 and #2 lower punch is 35mm.



DIE SET TYPE

- ① C type(U2/L3)
- ② B type(U1/L2)
- ③ A type(U1/L1)
- ④ Etc

SPECIFICATION

(1) Pressing capacity (KN)	400
(2) Ejection capacity (KN)	200
(3) Die stop capacity (KN)	200
(4) Upper ram stroke (mm)	160
(5) Upper ram adjustment (mm)	80 (Electric)
(6) Max depth of fill (mm)	120
(7) Ejection stroke (mm)	80
(8) After pressing stroke (mm)	8
(9) Die ejection position adj. (mm)	10
(10) Under/Over fill (mm)	5
(11) Feeder stroke (mm)	140
(12) Hopper volume (ℓ)	28
(13) Upper ram balancer	Equipped
(14) Hold down devise	Equipped
(15) Die control devise	Equipped
(16) Punch control devise	Equipped
(17) Tonnage indicator (Digital, 2 contact points)	Equipped
(18) Clutch brake	Air combination
(19) Adjustment method (upper ram, fill, ejection, after pressing)	Mechanical (except upper ram)
(20) Lubrication method	Oil bath & electric grease pump
(21) Operation method	Inching, continuous, safety single cycle
(22) Stroke (SPM)	8~32
(23) Main motor	11 (200V/4P)
(24) Transmission system	Inverter
(25) Rotary cam	Electronic formula
(26) Press weight (kg)	7,000
(27) Press dimension (mm)	H3, 920XW2, 460XD1, 440
(28) Electric feeder	Option
(29) Simple 3 CNC axis control	Option
(30) L. U. S. & simulator	Option

SPECIFICATION FOR DOUBLE LAYER

(1) Depth of fill first layer (mm)	15
(2) Depth of fill second layer (mm)	15
(3) Ejection stroke (mm)	20
(4) Under/over fill stroke (mm)	160
(5) Feeder stroke first layer (mm)	105
(6) Feeder stroke second layer (mm)	100
(7) Provisional devise stroke (mm)	85
(8) Provisional punch stroke (mm)	0~15
(9) Air cylinder dia. For provisional punch	φ50
(10) Operating system—mechanical by cam	Column 1, 2, 5, 6, 7,