

POWDER COLD COMPACTING PRESS VOLUMETRIC TYPE



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**KEJE THERMOWELD
EQUIPMENTS PVT. LTD.**

Latest trend to increase the output production rate with automation made us to manufacture the volumetric cold compacting press.

Hopper is filled with granulated powder with diamond grit of the required proportion. Initiation of cycle put hydraulic/pneumatic cylinder, fill the powder in the cavity (dies/punch as per customer's need) followed up by pressing by top cylinder position, ejector lifts up the cold compacted segment. This is automatically pushed into the tray provided, simultaneously filling the cavity with new powder and auto cycle continues.

Change of Dies/ Punch is very easy and does not take more than 20 minutes these process are manufactured into 2 different standard models of 5 tonnes & 12 tonnes with following specifications.

We can manufacture these machines in various configuration as per customer's requirement :

| STANDARD MODELS | TCP-V-5 | TCP-V-12 |
|------------------------------------|---------|----------|
| Tonnes | 5 | 12 |
| Ram Stroke (mm) | 100 | 150 |
| Day Light (mm) | 400 | 500 |
| Fixed Table (mm) | 350x400 | 400x450 |
| Speed Of Ram Approx (mm/sec) | 30 | 30 |
| Pressing (mm/sec) | 5 | 3 |
| Working Height (mm) | 950 | 950 |
| Motor (h.p) | 3 | 5 |
| Max Hydraulic Pressure (in Bar) | 160 | 160 |

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T-105, MIDC, Bhosari, Pune - 411 026, INDIA. Phone: +91-020-27120943, 27122213
Fax: +91-020-27120867 Email: sales@kejetherm.com • Site: www.kejetherm.com