

Hydraulic Press Machine

CAPABILITY SHEET · FRAME · GUIDES · CYCLE · ENGINEERED TO ORDER

THE ONE IDEA

PRINCIPLE	A hydraulic press is bought for its tonnage and judged by its cycle.
WHY IT MATTERS	Good parts depend on how the press approaches, how square it stays, and how it lets go.

THE PRESS

FRAME	A C-frame, H-frame or four-column frame, chosen for the stiffness the work needs.
GUIDES	Ram guides, and a levelling control where needed, that hold the platens parallel under off-centre work.
CYCLE	Approach, press, hold, release and return, set for the job, with the release staged.
GUARDING	Fixed guards, two-hand controls and light-curtain stops, with a safety circuit independent of the controller.

THE METHOD

ORDER	Specify, frame, guide, cycle, guard and prove. The guides and the release are what a quick order skips.
LIMITS	The force, stroke and speed a press needs come from the customer's work and are not printed here.

CONFIGURATIONS

WORKSHOP PRESS	A frame, a ram and a power pack with simple control, made to the customer's force and daylight.
PROGRAMMED PRESS	A programmed cycle with force and position control, and a recorded cycle.
MOULDING PRESS	Heated platens and a timed cure, with the temperature and the force held and recorded.

STANDARDS & SCOPE

STANDARDS	Public references: ISO 16092-3 for hydraulic press safety, and ISO 4413 for hydraulic fluid power.
SCOPE BOUNDARY	It is not a plant for one job, not a hot-forging press, not a stretching machine, and not a press brake.
STATUS	Neometrix has quoted against successive hydraulic press requirements, and no delivered frame-type hydraulic press is claimed.

DEFENCE PROGRAMMES DESK

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