

Article details / Dettagli Articolo	
Reference Code	IT131
Manufacturer / Costruttore	ORMA MACCHINE ITALY
Model / Modello	NPC Series (Hot Plate Hydraulic Press / Strettoio/Pressa Oleodinamica a Caldo)
Category / Categoria	Hydraulic Hot Press / Pressa oleodinamica a caldo monovano
Operating status & Availability	In production use / Guaranteed pre-owned (Available on request)

Technical & Electrical specifications / Specifiche Tecniche ed Elettriche	
Platen Dimensions / Dimensioni Piani	3000 x 1300 mm (Standard NPC Format)
Total Thrust Force / Pressione Totale	90 - 120 Ton (6 Hydraulic Thrust Cylinders / 6 Pistoni di spinta)
Platen Heating System / Riscaldamento Piani	Thermal oil boiler / Water heating system with internal electric resistances
Supply Voltage / Tensione di Alimentazione	400 VAC / 3-Phase + PE (50 Hz)
Hydraulic Unit Power / Potenza Centralina	3.0 - 4.0 kW Dual-stage hydraulic pump unit
Safety Systems / Sistemi di Sicurezza	✓ All-around perimeter safety trip wire, dual push-button closing control & CE compliance

Working Units & Machine Components / Gruppi Macchina Dettagliati	
Hydraulic Thrust System	6 heavy-duty ground and chrome-plated steel hydraulic pistons for uniform pressure distribution across the entire platen surface.
Pressing Platens (Piani di Pressata)	Solid steel fabricated heating platens with aluminum protective covers for high thermal transfer and scratch resistance.
Control Panel & Instrumentation	Integrated side control console with analog/digital pressure gauge (manometer), electronic digital temperature controller, timer for automatic opening, and main power switch.
Platen Parallelism Movement	Rack-and-pinion mechanical rack guidance system ensuring perfect parallel movement during opening and closing phases.
Thermal Plant & Circulation	Electric boiler unit with circulation pump for uniform thermal fluid flow across both upper and lower platens.