

ORMA NPC

# HOT PRESS

1300 x 1300 120T



## DESIGN FEATURES

### HIGH-QUALITY STRUCTURE

The press is made of welded and precision-machined beams, ensuring durability and reliability.

### ADVANCED HYDRAULIC SYSTEM

It includes a double-stage hydraulic pump for efficient operation and a chrome-plated piston rod for extended lifespan.

### USER-FRIENDLY ELECTRIC SYSTEM

The control panel features a touchscreen display for easy adjustment of pressure, temperature, and pressing time.

### SAFETY FEATURES

Equipped with a safety emergency cable and automatic pressure recovery device to maintain consistent pressure.

[SUPPORT@MASTERWOOD.COM.AU](mailto:SUPPORT@MASTERWOOD.COM.AU)

 **FARNESE**  
MASTERWOOD





**Innovation.  
Automation.  
Satisfaction.**



ORMA NPC HOTPRESS 1300 X 1300 12OT

## FEATURES



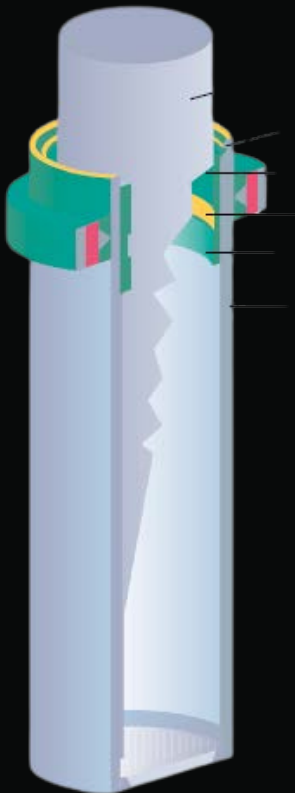
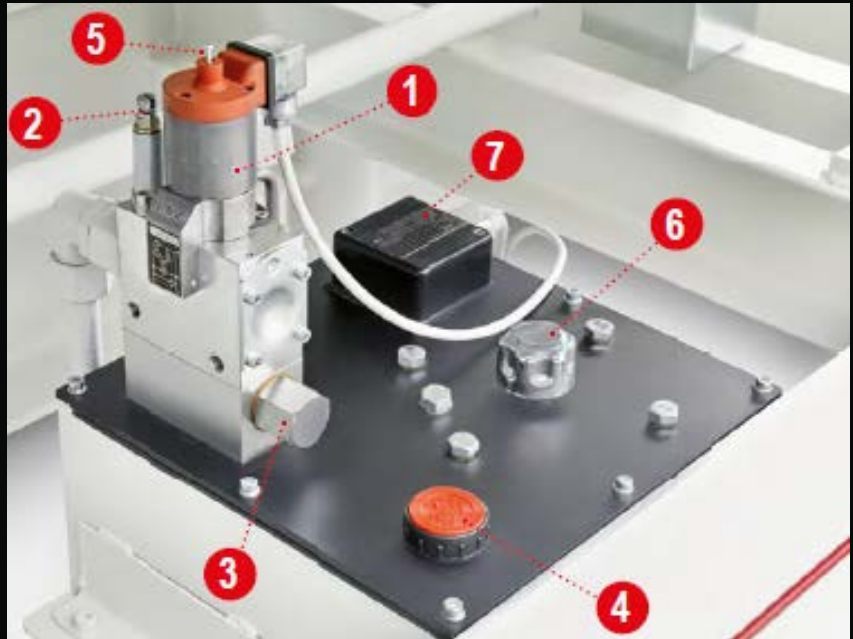
Together, Farnese Masterwood have a combined history of over 70 years and the recent merger means that the synergy of experience and knowledge brought in by each partner brings a lifetime of expertise to all aspects of the stone and wood cutting industry. Their combined commitment to their successful legacy in their respective fields brings a new energy to the future of stonemasonry and woodworking in Australia and across the world.

The ORMA NPC HOT PRESS 1300X1300 12OT has been produced for more than 40 years. Orma have a wealth of knowledge and experience in the wood pressing field. These machines are worldwide known for their reliability and high technical performances.



# FEATURES

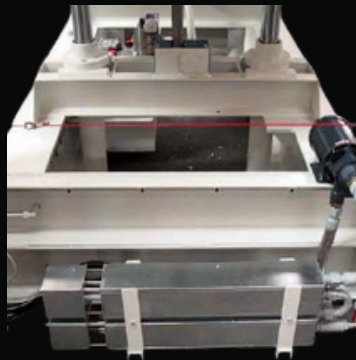
1. Coil electric connection.
2. Max pressure valve.
3. Disjunction valve.
4. Cap with dipstick.
5. Manual control push-button.
6. Air suction filter.
7. Electric box.



## Hydraulic Piston

Hydraulic piston section used on the NPC presses

1. Chromed shaft
2. Seeger ring
3. Bushing
4. Seal
5. Bushing
6. Cylinder liner



## Electric Heater For Oil

Composed of:

- Circulation pump
- Piping
- Expansion tank
- Max temperature: 120 °C

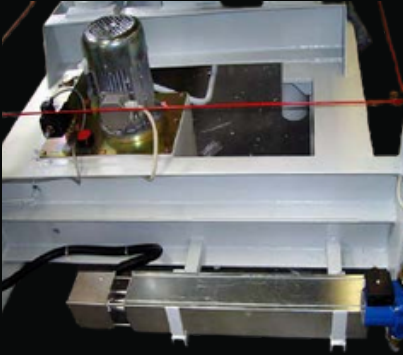
A thermometer is fitted in the boiler with a double safety function in case of remote thermometer breakdown or irregular temperature inside the boiler.



## Oil Inlet Temperature Control

Thermometer (shows oil inlet temperature). Stops the oil circulation pump only when the oil temperature reaches 100 °C, to dissipate remaining heat in the heater after burner stop, to prevent oil damage.

## FEATURES



### Electric Heater For Water

Composed of:

- Circulation pump
- Piping
- Expansion tank
- Max temperature: 120 °C

A thermometer is fitted in the boiler with a double safety function in case of remote thermometer breakdown or irregular temperature inside the boiler.

Piping insulation excluded.

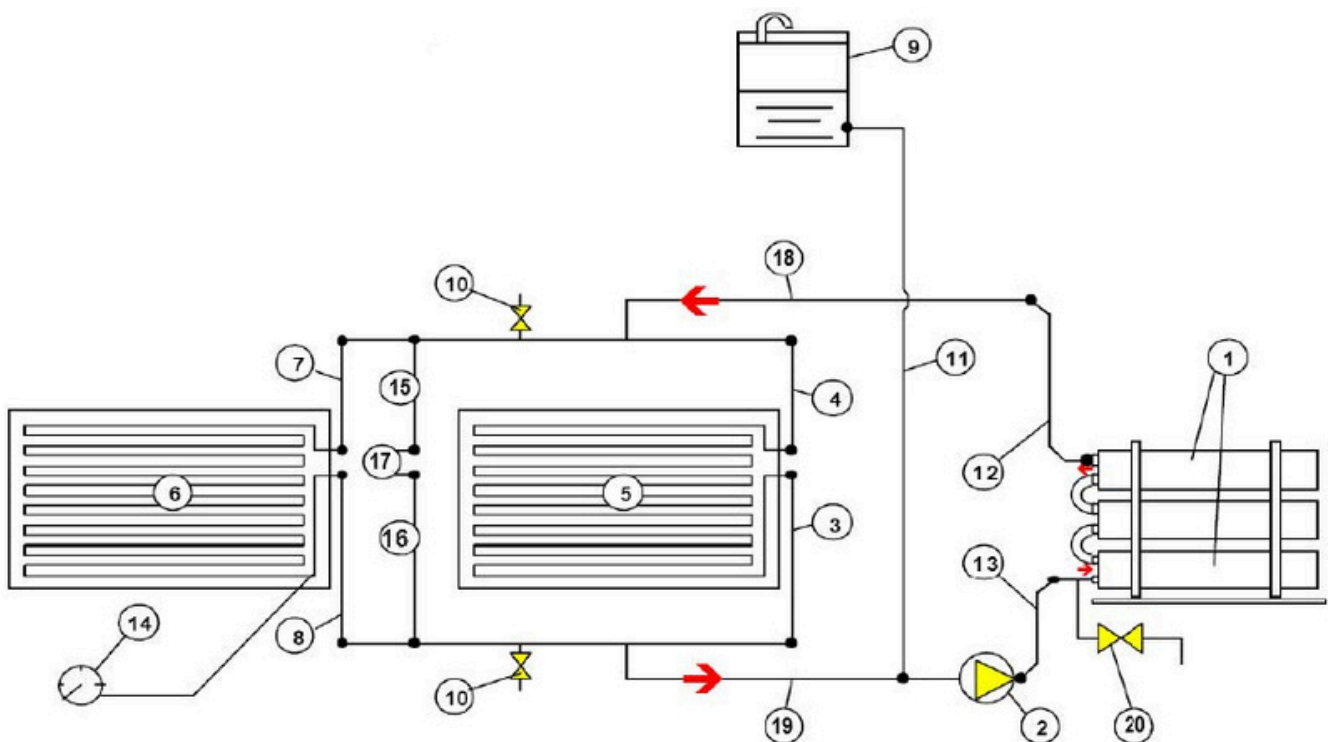


### Pistons

The pistons chroming is carried out by "thickness" to obtain enhanced durability of the chroming and ensuring smooth shaft sliding over extended periods Thrusting cylinders are made of steel for mechanical application and according to Orma machine design.

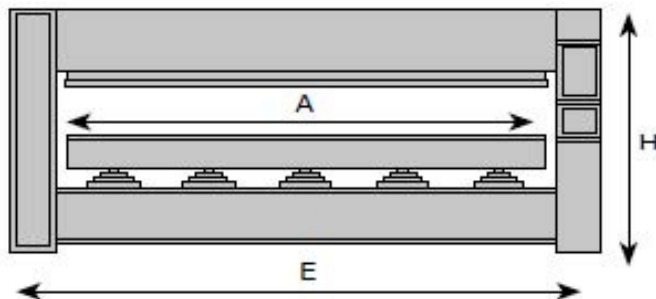
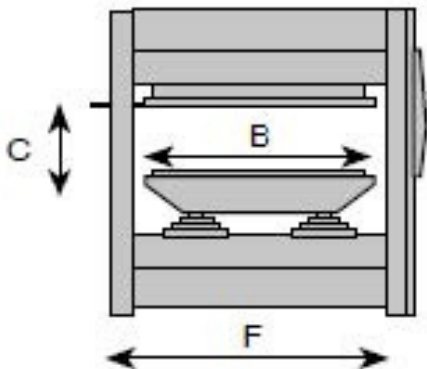
## FEATURES

1. Electric boiler
2. Circulation pump
3. Flexible inox pipe -lower output
4. Flexible inox pipe -lower input
5. Press lower platen
6. Press upper platen
7. Flexible inox pipe -upper input
8. Flexible inox pipe -upper output
9. Expansion tank
10. Air bleed valve
11. Safety flexible inox pipe: water feeding and installation bleed
12. Flexible inox pipe: boiler-collectors connection
13. Flexible inox pipe: pump-boiler connection
14. Temperature adjustment telethermometer
15. Possible upper input flexible inox pipe for intermediate platen
16. Possible upper output flexible inox pipe for intermediate platen
17. Possible intermediate platen
18. Installation delivery hose
19. Installation return hose
20. Valve for fluid bleed from installation



TECHNICAL SPECIFICATIONS

Tipo Type Type	Dimensione piani Platen size Dimensions Plateaux	Spinta totale Total Thrust Pression totale	Cilindri Cylinders Vérins	Pistoni Pistons Pistons	Corsa Stroke Course	Pressione Pressure Pression	Motore Motor Moteur	Caldaia Woodboiler Chaudière	Boiler Boiler Boiler	Piani elettrici Electric Platens Plateaux électriques <b>ELCOM</b>	Ingombro Overall Encombrement	Peso Netto Net Weight Poids Net
	mm A-B	Ton	N.	Ø mm	mm C	80% kg/cm²	HP	kcal/h •	kW •	kW •	* mm E-F-H	kg
NPC/DIGIT 4/40	2500x1300	40	4	70	400/650	1,5	2	20.000	18	17,8	3100 1650 1800	2400
NPC/DIGIT 4/70	2500x1300	60	4	70	400/650	2	2	20.000	18	17,8	3100 1650 1800	2800
NPC/DIGIT 6/90	2500x1300	90	6	70	400/650	3,3	2	20.000	18	17,8	3100 1650 1900	3150
NPC/DIGIT 6/100	2500x1300	120	6	85	450/650	4,5	3	20.000	18	17,8	3200 1650 2050	3500
NPC/DIGIT 3000/S	3000x1300	70	6	70	400/650	2,2	2	20.000	18	25,4	3600 1650 1800	3300
NPC/DIGIT 6/95	3000x1300	90	6	70	400/650	2,8	2	29.900	21	25,4	3600 1650 2000	3600
NPC/DIGIT 6/110	3000x1300	120	6	85	450/650	3,7	3	29.900	21	25,4	3700 1650 2050	4000
NPC/DIGIT 8/120	3000x1300	160	8	85	450/650	5	4	29.900	21	25,4	3700 1650 2050	4500
NPC/DIGIT 3500/S	3500x1300	90	6	70	400/650	2,4	2	29.900	21	28,8	4150 1650 2000	4150
NPC/DIGIT 6/120	3500x1300	120	6	85	450/650	3,2	3	29.900	27	28,8	4200 1650 2100	4700
NPC/DIGIT 8/160	3500x1300	160	8	85	450/650	4,2	4	29.900	27	28,8	4200 1650 2200	5200
NPC/DIGIT 10/200	3500x1300	200	10	85	450/650	5,3	5,5	29.900	27	28,8	4400 1650 2200	6500



## **We Know That Support Is Important To You**

Buying a new machine is a big commitment for anyone and continued support throughout the life of that machine is vital.

Being a local company, Farnese carry a vast array of parts locally to ensure that your machine always has the spares it needs. Enjoy peace of mind knowing that you'll be fully supported by Farnese and we'll always have you covered.

Farnese customers don't need to experience unnecessary machinery downtime waiting for remote assistance from other countries, as all the support and remote assistance is provided locally from our own qualified Technicians.

Our mission here at Farnese is to give you the best support in the industry. As we grow, we continue to recruit more and more qualified technicians to further strengthen our position in the Stone Industry.



**SUPPORT@MASTERWOOD.COM.AU**