

# X2-LP

## CENTRO SUPER FINITURA PUNTALI

## CENTER SUPER FINISHING TOE-ENDS



**GARFAS MACCHINE SRL – ITALY – WORLDWIDE TECHNOLOGIES**

[0039-0381-690708/9](tel:0039-0381-690708/9)

[info@garfas.com](mailto:info@garfas.com)

[www.garfas.com](http://www.garfas.com)

REV. 01-09-2012

## X2-LP

### CENTRO SUPER FINITURA PUNTALI

Rappresenta la massima espressione tecnologica dedicata alla SUPER FINITURA DEI PUNTALI.

La **X2-LP**, progettata e realizzata seguendo moderni concetti tecnologici, **offre**:

- Robustezza e precisione senza confronti;
- Struttura portante realizzata totalmente con profilati estrusi in alluminio di altissimo livello tecnologico;
- Flessibilità, modularità, affidabilità;
- Un'ottima ergonomia della postazione di lavoro;
- Funzionamento totalmente automatico;
- Sicurezza operativa;
- Rumorosità <78DbA
- Canalizzazioni per l'aspirazione integrate nella struttura;
- Governo totale delle funzioni macchina tramite Touch Screen 10,4" a colori + PLC e software Garfas
- Minima manutenzione.

#### CARATTERISTICHE TECNICHE

Capacità produttiva	1000÷1500 paia/ora
Autonomia caricatore	20÷40 minuti
N° Stazioni di caricamento	6/12
Conteggio pezzi in ingresso	si
Conteggio pezzi in uscita	si
Max larghezza lavorabile	195 mm
Potenza di sfioratura	4 CV ( 3 kw )
Visualizzatore digitale spessore di lavoro	0,02 mm
Pressione di sfioratura	0÷6 bar
Avanzamento di lavoro regolabile	0 ÷ 25 mt/1'
N° giri nastro smerigliatore	0 ÷ 4500 giri/1'
Raccogliitore automatico	si
Stazioni raccogliitore	6
Memorizzazione programmi di lavoro	si

#### DIMENSIONI

Larghezza	389 cm
Profondità	131 cm
Altezza	193 cm
Peso Netto	854 kg

## X2-LP

### CENTER SUPER FINISHING TOE-ENDS

Represents the highest technology dedicated to SUPER FINISHING TOE-ENDS.

The **X2-LP**, designed and built according to modern technological concepts, provides:

- Robustness and accuracy unparalleled;
- Supporting structure made entirely of extruded aluminum profiles with the highest level of technology;
- Flexibility, modularity, reliability;
- Good ergonomics of the workplace;
- Fully automatic operation;
- Operational Safety;
- Noise <78dBA;
- Funnels for the suction integrated into the structure;
- Government total machine functions via 10,4" Color Touch Screen + PLC and software Garfas;
- Low maintenance.

#### SPECIFICATIONS

Output capacity	1000÷1500 pairs/hour
Autonomy charger	20÷40 minutes
N° loading stations	6/12
Counting input	yes
Counting output	yes
Max working width	200 mm
Power buffing	4 HP ( 3 kw )
Digital display of working thickness	0,02 mm
Pressure buffing	0÷6 bar
Working speed adjustable	0÷25 mt/1'
Grinding belts RPM, adjustable	0÷4500 rpm
Automatic collector	yes
N° collector stations	6
Storing programs of work	yes

#### OVERALL DIMENSION

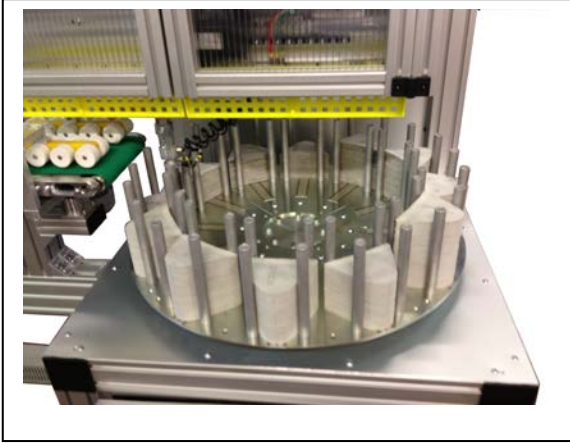
Width	389 cm
Depth	131 cm
Height	193 cm
Net weight	854 kg

**GARFAS MACCHINE SRL – ITALY – WORLDWIDE TECHNOLOGIES**

[0039-0381-690708](tel:0039-0381-690708)

[info@garfas.com](mailto:info@garfas.com)

[www.garfas.com](http://www.garfas.com)



**GARFAS MACCHINE SRL – ITALY – WORLDWIDE TECNOLOGIES**  
[0039-0381-690708](tel:0039-0381-690708) [info@garfas.com](mailto:info@garfas.com) [www.garfas.com](http://www.garfas.com)

## Il software della X2-LP

- Progettato per offrire la massima semplicità operativa ed una rapida visione di tutti i parametri macchina.
- Design moderno ed user freindly.
- Una diagnostica della macchina sempre a portata di schermo.
- Help in linea in qualsiasi momento.

## X2-LP Software

- Designed for maximum ease of operation and a quick overview of all machine parameters.
- Modern design and user friendly.
- A diagnostic machine always on the screen.
- Help on line at any time.

The screenshot displays the 'Runtime Application' window for 'MANUALI CARICATORE & RACC.' on 17/09/2012 at 09:28:25. The interface is organized into several functional areas:

- Axis Control (1):** Four columns for 'TAVOLA TR (4°)', 'TAVOLA TC (3°)', 'ASSE X (2°)', and 'ASSE Z (1°)'. Each column contains buttons for 'ABILITAZIONE', 'SET POINT ASSE', and 'TAVOLA TR a 0°' or 'TAVOLA TC a 0°'.
- Positioning (2):** 'STEP ROTAZ. (°)' dropdowns set to -60.0 and 30.0. 'MOV. INCREM' buttons with current position values (359.9, 0.0, 0.0, -0.0) and 'JOG +/-' buttons with 'Pos. attuale (mm)' labels.
- Alarm Management (3):** Four 'RESET ALLARMI' buttons, each with indicators for 'DRIVE OK', 'DRIVE READY', 'DRIVE FAULT', and 'CAN NET STATUS'.
- Quota Prelievo X (4):** A 'MEMORIZZA Quota Prelievo X' button, a 'Trasportatore Cardatrice' diagram, and buttons for '3.0 VUOTO DN', '5.0 VUOTO UP', and '2.5 SOFFIAG.'.
- Mode Selection:** A bottom row of buttons for 'MENU', 'MANUALE', 'AUTOMATICO', 'CAN OPEN', and 'ALLARMI'.

GARFAS MACCHINE SRL – ITALY – WORLDWIDE TECHNOLOGIES

0039-0381-690708

[info@garfas.com](mailto:info@garfas.com)

[www.garfas.com](http://www.garfas.com)

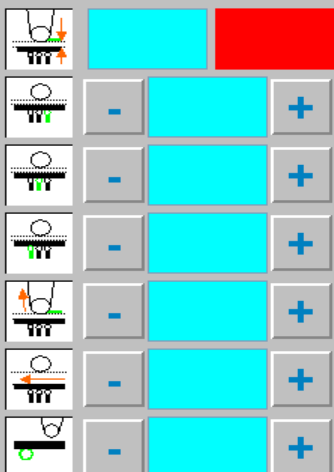
Runtime Application X2-LP

## AUTOMATIC: ROUGHING

STORE

RECIPES

Setting funtion rollers



Roughing distance (mm)

DOWN Pressure Vacuum (bar)

UP Pressure Vacuum (bar)

Pressure BLOW(bar)

THICK PIECE (mm)

Pieces package

Input Pieces

Output pieces  RESET

Pieces package

←
MAN
AUTO
START
STOP
→

MENU
MANUAL
AUTOMATIC
DIGITALS I/O
AL. DRV MBUS
AL. DRV CAN
CAN OPEN
ALARMS

Runtime Application X2-LP

## Z DRIVE ALARMS

A01 Shortcircuit on the power section	A17 Reserved
A02 Drive overcurrent protection	A18 Encoder feedback loss
A03 DC Link undervoltage	A19 Encoder simulation alarm
A04 Drive thermal protection	A20 Undervoltage of the DC Link section
A05 Wrong setting of a parameter	A21 Intake air temperature too high
A06 Current feedback sensor failure	A22 Overtemperature of the regulation board
A07 Motor thermal protection	A23 Overtemperature of the IGBT module
A08 CPU overtime error	A24 Load default error
A09 Wrong enabling key for PLC and/or DeviceNet	A25 Reset required after a parameter modification
A10 Reserved	A26 Field bus communication failure
A11 Invalid parameters value	A27 Wrong drive enabling sequence
A12 Bad flash device	A28 Fastlink communication failure
A13 Overpower of the braking resistor	A29 Position error greater than the limit
A14 Failure on the regulation power supply	A30 Drive overload alarm
A15 System Warning	A31 External Fault
A16 Main power loss	A32 PLC application not running

←
RESET ALARMS
→

MENU
MANUAL
AUTOMATIC
DIGITALS I/O
AL. DRV MBUS
AL. DRV CAN
CAN OPEN
ALARMS