

NEW-TEM

PRODUCT DATA SHEET

THE ONLY TEM WITH HORIZONTAL
DEBURRING CHAMBER PATENTED



XPF450

The XP F 450 (F = flexible) with a modular length chamber from 350 to 500 mm and a variable diameter from 260mm to 300mm, replaces the previous XP S and XP L versions, allowing both light alloys such as aluminum, zamak, to be machined copper and their alloys with working pressures from 2 to 10 bar, both all types of oxidizable materials with more impressive dimensions as in the case of large hydraulic blocks, reaching a maximum mixing pressure range of 20 bar.

Operating pressures
(bar)



Chamber length
(mm)



Diameter chamber
measures (mm)



THE ADVANTAGE OF THE HORIZONTAL REVOLUTION

1. MORE CARE IN THE TREATMENT

With New-Tem the main flame is tangent and acts over the basket, in this way the flame does not hit directly the pieces.

2. RANGE EXPANSION OF TREATMENT

The tangent flame over the basket allows to expand the range of treatable pieces, no longer subject to superficial burns.

3. RESULTS UNIFORMITY

The baskets are completely surrounded by the deburring atmosphere avoiding the presence of protected areas.

4. HANDINESS

The rectangular shape of baskets, containing the pieces, facilitates the insertion in to the chamber and reduces the time for the manual positioning of the pieces.

5. CHAMBER INTERCHANGEABILITY = FLEXIBILITY

An easy interchangeability of the deburring chambers of different lengths gives the possibility of production change.

6. SAFE IGNITION

The use of low voltage current for the ignition of the mixture with an innovative system allows an easy ignition even at low pressures.

7. SIMPLIFICATION

The stroke of the chamber closing cylinder has been remarkably reduced: only 20 mm.

8. COST REDUCTION

We obtained a considerable simplification of the machine, which is extremely compact and allows a significant costs reduction of installation, maintenance and support.

OTHER FEATURES

- Reduction of electricity consumption = respect for environment
- Availability of components
- Remote control high technology
- Safety

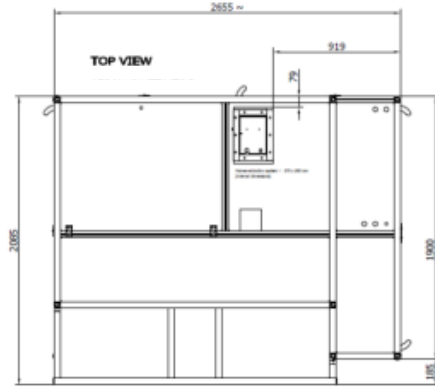
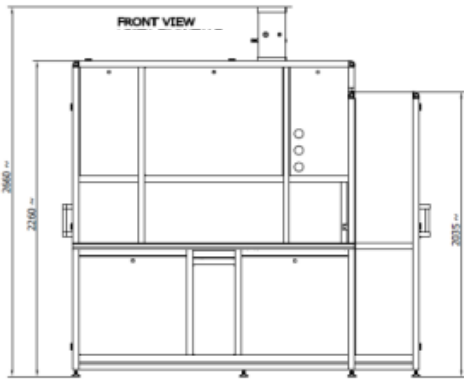


Via G. B. Stucchi 66/4
20900 Monza - Italia

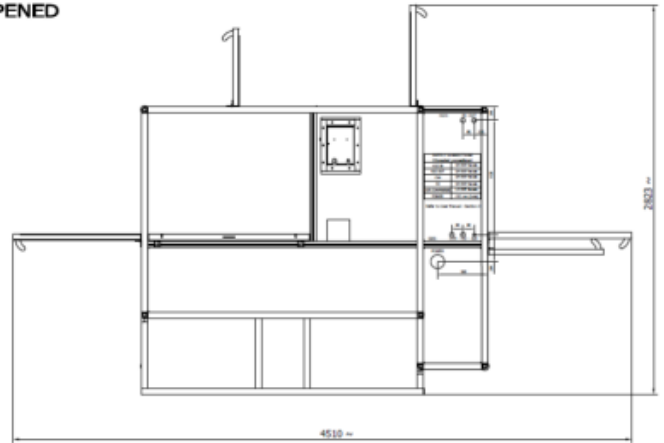
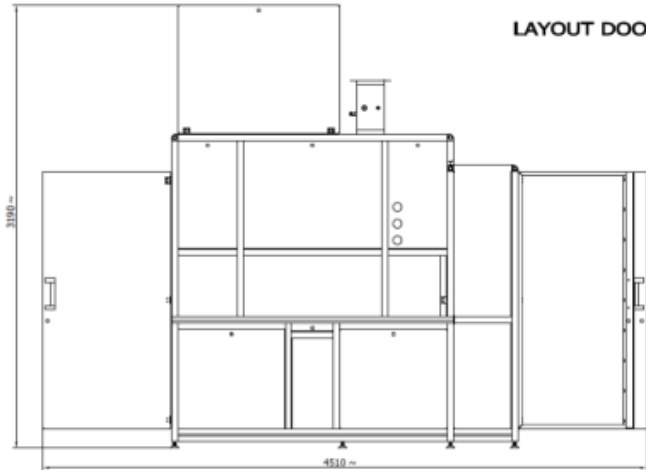
Tel. +39.039.836246
Fax. +39.039.2840278

www.new-tem.com
sgm@new-tem.com

LAYOUT DOORS CLOSED



LAYOUT DOORS OPENED



Machine dimensions	
Length [mm]	2655
Width [mm]	2085
Height [mm] (with discharge chimney predisposition)	2260 (2660)
Work station height [mm]	950
Weight [kg]	10500

Operating pressures [bar]	from 2 to 20
Installed power	20kw
Line voltage	380V 50Hz (3P+N+T)
Auxiliary voltage	24 V DC

Deburring chamber measures	
Length [mm]	from 350 to 500
Diameter [mm]	from 260 to 300

The new New-Tem deburring machines are certifiable as conforming to the **INDUSTRIA 4.0** measures (compliant with Directive 2006/42 / EC and **subsequent amendments**).

This thermal deburring machine features a deburring chamber with an internal diameter of 260 mm and modular lengths ranging from 350 to 500 mm, according to the needs of our customers.

The new deburring machines can be served by robotic feeding systems, with automated or manual rollers according to the requests of our customers.

