120Hz

999 XT

POWERFUL AND RELIABLE

INPUT

Power supply	**[50HzThree-phases+N+GND]**	400V a.c.
Pneumatic power (min.)	**[bar]**	5
Max power required (peak load)	**[kW]**	35

OUTPUT

Upper tool weight (up to)	**[up to kg]**	200
Generator power	**[kW]**	30
Vibration frequency	**[Hz]**	100-120
Vibration amplitude	**[mm]**	up to 4
PP equivalent welding area *Size of the area detected in the test environment*	**[cm²]**	750

MECHANICAL DATA

Vibration plate dimensions	**[mm]**	1420x500
Lifting table stroke	**[mm]**	800
Lifting table maximum speed	**[mm/s]**	250
Clamp net force (Gross)	**[kN]**	35 (43)
Lifting table dimensions	**[mm]**	2190x850
Lifting table height	**[mm]**	710
Front-door span	**[mm]**	2200x1160
Upper door threshold	**[mm]**	2200
Clearance between planes	**[mm]**	1100-1500 (adjustable)
Overall dimensions	**[W×D×H mm]**	3840x2000x2900
Total weight	**[kg]**	10000
Hydraulic oil	**[Lt/ISO32]**	200
Machine Type		HYDRAULIC[1]

CONTROL

PLC Control		Siemens S7 - CPU
HMI		Touch panel 12"
Vibration frequency tuning[2]		Continuous REALTIME
Welding steps	**[pressure, amplitude]**	8
Welding depth sensitivity	**[mm]**	0,01
Work settings memory		63 automatic equipment
Type of communication *The digital generator ensures very short swing on/off vibration phases (50ms)*		Profinet/Profibus

REFERENCES

Work outcome definition		Automatic (good/reject)
Work outcome printer		Custom Plus
Vacuum circuit		2 (opt. up to 3)
Pneumatic valves movements		5
Remote-assistance		Included
Automatic rear door (for rear loading/unloading)		Optional
Electrical sliding table		Optional
Noise level *Peak values can be higher for short periods depending on the application.*	**[dBA EN ISO 11202]**	≤ 80

[1] *Mobile table movement performed with hydraulic control unit in a dedicated area.*

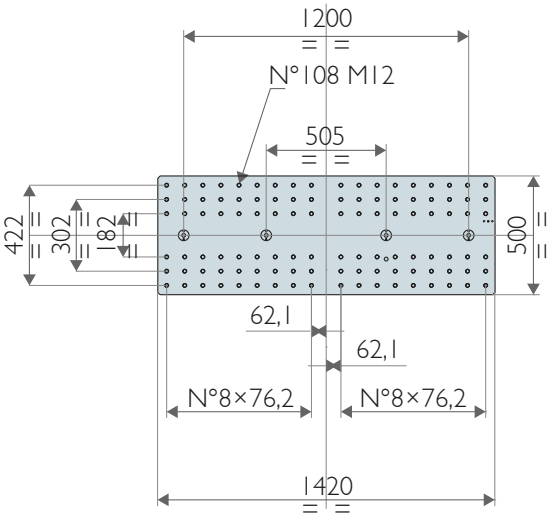
[2] *Thanks to our third-generation controller we have been able to eliminate the necessity of the auto-tuning cycle: the machine can adapt to the vibration frequency in real-time following the mechanical reactions of the vibrating system. Therefore, the outcome is a neater and more efficient vibration than the one obtained employing second-generation old systems.*

The machine can be customized with some standard options, contact us for a personalized offer.

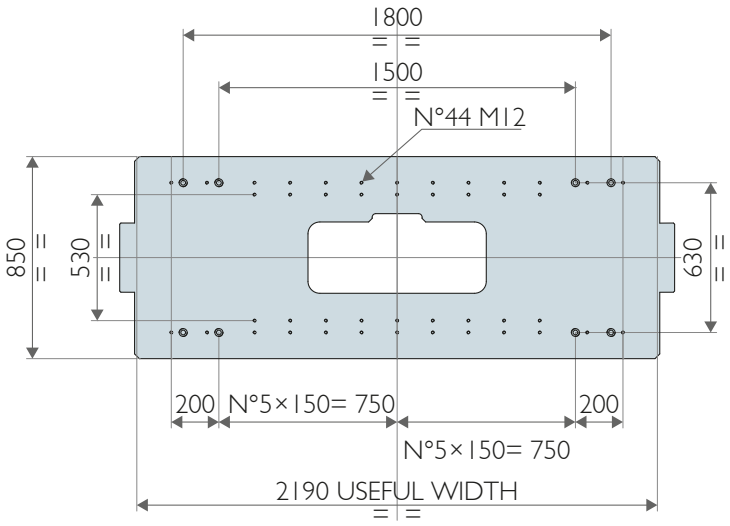
MORE INFO

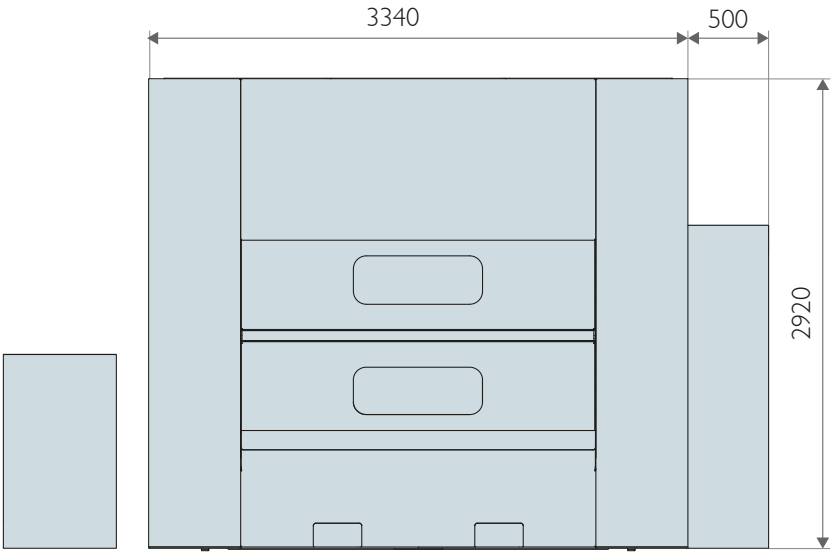
999XT-V21.02b

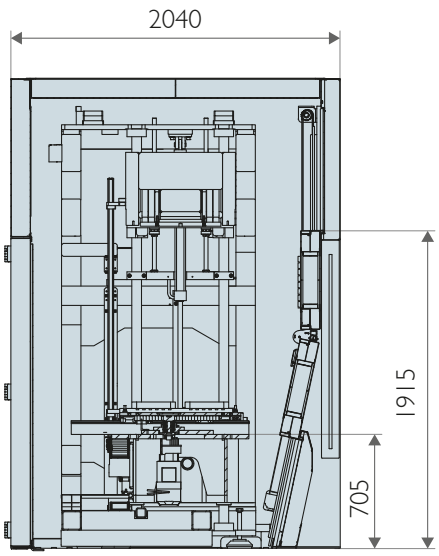
UPPER PLATE

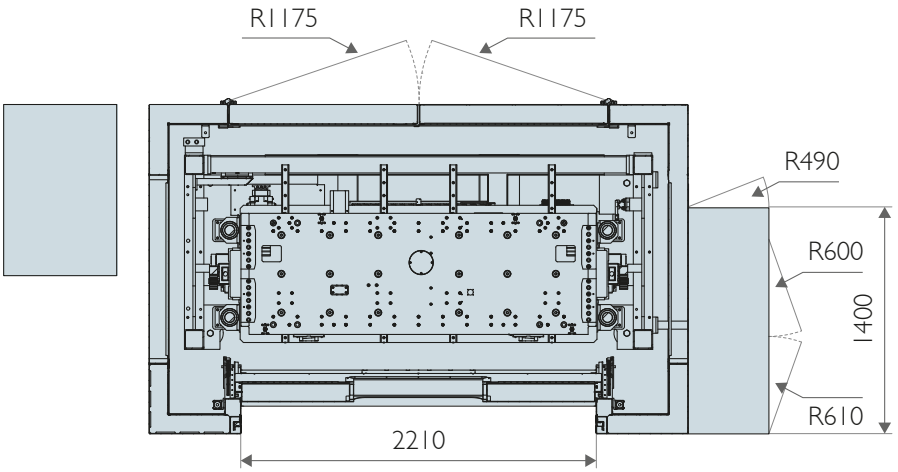


LOWER PLATE









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