

BR 45 CL TS

BR45CLTS welding machine (with power from 20 up to 45 KW) is intended for the HF welding of car items such as: individual parts of an instrumental panel, textile insertion - HF lamination, sealing of PA structural component, reinforced-section welding on floor carpet, door panels, etc. Its peculiarity is the CUTTING-WELDING force remarkably increased by the oleo-dynamic drive action up to 100.000 kg in order to cut and fix material with accuracy. Equipped with the *double-sliding* trays system this machine is one of the most advanced model in the sector. Innovative PLC for managing but intuitive for operator on 360° turning support or on separate console.

Machine can be equipped with quick-change electrode system while personalised moulds and electrodes are available upon request. Heating of electrode is optional but strongly recommended if heavier PVC sheets or PU foams should be welded.



Technical performances – 45CLTS	BR20	BR30	BR45
Power efficiency -	20 KW	30 KW	45 KW
HF power from generator to electrode			
Power Input -	26kW	39kW	50.3kW
Maximum power installed			
Main fuse	63A	85A	95A
Power supply - voltage	Three phase, 400V ± 3%; 50Hz		
Working frequency	27.125 MHz ± 0.6%		
Oleo-dynamic press drive max	100.000 kg		
Table dimensions	700x1000	1000x1200	1500x1200
Protection against discharge	Standard SCR		
System for hand protection	Balacchi HF Security System		
Management and control	Manual operation panel (Balacchi HF) or touch screen programmable PLC (Simens)		
Total weight	2500 kg	2700 kg	2900 kg