

HF WELDING MACHINE

ROTATING TABLE

High Frequency welding with rotating table is used to produce technical articles or packaging for a mass production:

- blister packaging
- technical articles :
- shoes, leather articles, medical articles

SPECIFICATION

- Welding power from 3 to 12 kW_{HF}
- Pneumatic or Hydraulic welding press ; up to 20 tons
- Soft Descent for Cutting just after Welding
- Mechanical rotating table with 2 , 4 or 6 stations
- Work plates dimensions from 300 * 400 ; 600 * 700 , 650 * 800 up to 700 * 1000 mm
- Automatism: putting blisters on work plates
- Automatism: cutting and putting film robot
- Automatism: Cutting shells after welding



The level of automatisisation depends of cadences and final price of production:

- 100 / day = prototypes ==> 500W Handle Machine
- 1000 / day = Pneumatically 3000W Welding Machines
- 5000 / day = 1 or 2 Shuttle Trays Machines
- 10000 / day = Automatic Machines: rotate table or Auot Indexer
- 25000 / day = Speedy , linear Transfer Automatism

References	HF Output Power	Elect. Power	Welding Length W=3.3	Press Stroke	Table Diameter	Plate Sizes D * W	Dimensions Machine Sizes	Weight
	W _{HF}	VA	mm	mm	mm		A * B * C * D * E * F * G	kg
PSM-XL 6k	3000	6000	2200	100	1500	300 * 400	420 * 700 * 1650 * 470 * 1500 * 700 * 1050	1000
PSM-XL 10k *	5000	10000	3500	100	2200	600 * 700	550 * 800 * 1720 * 600 * 1600 * 850 * 1200	1200
PSM-XL 16k *	8000	18000	6000	150	2200	600 * 700	600 * 700 * 1900 * 710 * 1800 * 900 * 1600	1500
PSM-XL 24k *	12000	25000	10000	175	2500	650 * 800	650 * 850 * 2000 * 800 * 2000 * 1000 * 1800	2000
Specifications:	Electric Supply : 400V 3-phase + ground - 50 / 60 Hz Compressed air = 10 litres/min or 20 litres/min Pneumatic Cylinder diameter = 100 - 120 - 160 mm ; Stroke 250mm Drawing upon safety standard : Carters ; Norms CE. Antiflash with Grid Blocking;							
Options:	Heating plate of tools : up to 150°C Pneumatic Clamping of Plate Tools for quickly change product moving down for Cutting Rotative table with 6* Plates Soft Indexer Ultra Fast Antiflash Hydraulic Press up to 20 ton ; Soft Moving down for Cutting							