HIGH FREQUENCY WELDING MACHINES
FOR PRODUCTION OF:
MEDICAL BAGS • PARA-MEDICAL AND ORTHOPEDIC ITEMS
AUTOMATIC IN-LINE WELDING MACHINES UNIBLOOD MODEL FOR PRODUCTION OF BLOOD BAGS

• Labeling unit of the bags (optional)
• Perimeter cutting station and scraps separation
• Unloading and collecting unit
• Control panel with PLC and touch screen equipped with auto-diagnostic software program with dedicated QC software to check welding quality
• On request we can install high frequency generators outside the hygienic room
• Productivity 1400 bags/hour (350 set of 4 bags/hour) with basic version of the line
• Customized versions of the machine can be studied on customer specification (or other on request)

Technical Characteristics
• Reels-holder with un-winder
• High frequency welding machine for films pre-cut
• Cutting unit of top side of the bags
• Films indexing unit
• Tubes selection and feeding unit
• Membrane selection and feeding unit
• High frequency welding machine for tubes and membrane welding
• High frequency welding machine for bags perimeter welding
TURNTABLE WELDING MACHINE
FOR PRODUCTION OF DRAINAGE AND URINE BAGS

Technical Characteristics

• Turntable with mechanical working
• Adjustable rotating speed by inverter
• N. 4 working stations
• High frequency welding press pneumatically or hydraulically operated
• High frequency generator built inside press frame
• Quick tool change system
• N. 1 automatic feeder for contemporaneous un-winding, cutting and placement of n. 2 film on turntable working stations
• Free station for tubes manual loading
• Automatic un-loading of finished bags and collection on conveyor belt
• Control panel with PLC and touch screen
• Press upper plate conditioning system (optional)
• Turntable working stations conditioning system (optional)
• Indicative productivity approx. 1200 bags/hour with 2 operators (2000 ml bag)

GMA-D 70-80-4/20

Technical Characteristics

• Turntable with mechanical working
• Adjustable rotating speed by inverter
• N. 6 working stations
• High frequency welding press pneumatically or hydraulically operated
• High frequency generator built inside press frame
• Quick tool change system
• N. 2 automatic feeders for un-winding, cutting and placement of n. 2 film on turntable working stations
• Free station for tubes manual loading
• Free station for manual un-loading of finished bags
• Control panel with PLC and touch screen
• Press upper plate conditioning system (optional)
• Turntable working stations conditioning system (optional)
• Indicative productivity approx. 900 bags/hour with 2 operators (2000 ml bag)

GMA-D 70-80-6/15
AUTOMATIC IN-LINE WELDING MACHINES FOR PRODUCTION OF PLASMA AND PARENTERAL FEEDING BAGS IN EVA FILM

Technical Characteristics

- Reels-holder with un-winder
- Hot printing unit (optional)
- Automatic unloader, cutting and tubes insert unit
- High frequency welding machine for tubes and bag perimeter
- High frequency generator built inside press frame
- Press upper and lower plate conditioning system
- Indexing unit operated by servo-motor
- Automatic scrapping unit
- Collection unit
- Control panel with PLC and touch screen equipped with auto-diagnostic software program with dedicated QC software to check welding quality
- Indicative productivity 900 bags/hour (3000 ml bag)
- Customized versions of the machine can be studied on customer specification

TURNTABLE WELDING MACHINES WITH CUTTING PRESS FOR ENTERAL AND PARENTERAL FEEDING MULTI-LAYER EVA FILM BAGS

Technical Characteristics

- Turntable with mechanical working
- Adjustable rotating speed by inverter
- N. 6 working stations 600 x 800 mm
- High frequency welding press pneumatically or hydraulically operated
- High frequency generator with output power 15 or 20 KW
- Quick tool change system
- Press upper plate conditioning system (optional)
- Cutting press
- Quick tool change system
- Control panel with PLC and touch screen equipped with auto-diagnostic software program with dedicated QC software to check welding quality
- Indicative productivity approx. 700 bags/hour with 3 operators

GMA-D 60-80-6/20
AUTOMATIC IN-LINE WELDING MACHINES FOR PRODUCTIONS OF SOLUTION BAGS

The range of in-line machines, made by GEAF, for production of solution bags is flexible and it is possible to offer customized solution depending on requested target productivity.

In-line basic machine version is composed of:

- Reels-holder with un-winder
- Printing unit (optional)
- Automatic unloader, cutting and tubes insertion unit
- High frequency welding machine for tubes and bag perimeter
- High frequency generator built inside press frame
- Punching unit for bags hanging holes (optional)
- Indexing unit operated by servo-motor
- Press upper and lower plate conditioning system
- Automatic scrapping unit (optional)
- Automatic unloader (optional)
- Control panel with PLC and touch screen equipped with auto-diagnostic software program with dedicated QC software to check welding quality
- Productivity until 4000 bags/hour (1000 ml bag)
AUTOMATIC IN-LINE MACHINES
UNIOST MODEL FOR PRODUCTION
OF OSTOMY BAGS

Technical Characteristics

- N. 2 reels-holders with un-winder to use until 7 reels of film
- Automatic non-stop joining system of reels (optional)
- Printing unit
- Film punching unit
- N. 2 automatic feeders for flanges
- Flanges welding unit
- Holes punching unit with scrap separation
- Not return valve welding unit
- Automatic feeder for carbon filter pre-cut or by reel
- Carbon filter welding unit
- Automatic feeder for filter protection membrane by reel (optional)
- Membrane welding unit (optional)
- Bags perimeter welding machine
- High frequency generator built inside press frame
- Welding tools conditioning system

- Indexing unit
- Automatic unloader and collection on conveyor belt
- Scrap film rewinding unit or scrap film cutting unit
- Control panel with PLC and touch screen equipped with auto-diagnostic software program
- with dedicated QC software to check welding quality
- Switch on/off system of station to be used depending on item version
- Productivity until 1400 bags/hour
HIGH FREQUENCY WELDING MACHINES FOR PRODUCTION OF PARA-MEDICAL AND ORTHOPEDIC ITEMS

1 Tray high frequency welding machine SPS model for production of anti-decubitus mattresses

• Bridge frame press pneumatically operated
• Press upper plate dimension 720 x 1230 mm
• High frequency generator with output power 20 KW or 30 KW
• Auto-tuner
• N. 1 automatic side tray dimension 2750 x 1300 mm
• Control panel with PLC and touch screen
• The machine produces items of big dimensions (anti-decubitus mattresses for example) with more welding steps
• N. 3 inner tool stocking plates

Technical Characteristics

MODEL SPS
TURNTABLE WELDING MACHINE FOR PRODUCTION OF DVT (Deep veins thrombosis)

Technical Characteristics

- Turntable with mechanical working
- Adjustable rotating speed by inverter
- N. 8 working stations dimension 700 x 1000 mm
- N. 2 High frequency welding presses
- N. 2 High frequency generators built inside press frames
- Quick tool change system
- N. 2 automatic feeder for un-winding, cutting and placement of film on turntable working stations
- Free station for tubes manual loading
- Free station for pre-cut foams manual loading
- Automatic unloading of finished pieces and collection on conveyor belt
- Control panel with PLC and touch screen

GMA-D 70-100-8/8

Technical Characteristics

- 4 Columns press frame pneumatically or hydraulically operated
- Clamping force: 1600 kg – 2500 kg – 4000 kg (on request)
- Press upper plate dimension 800 x 1200 mm
- High frequency generator with output power: 8 KW – 12 KW – 15 KW – 20 KW (on request)
- N. 2 automatic over-posed trays dimension 900 x 1300 mm
- Welding tools can be fixed either on upper plate of the press or on trays
- Control panel with PLC and touch screen

High frequency over-posed trays welding machine REKORD CSI model, or REKORD KSI model.
For production of inflatable cells for anti-decubitus mattresses and orthopedical items (corset, ankle and knees protectors, etc.)
LABORATORIO QUALIFICATO
Art. 14 Legge 46
(G.U.N. 283 del 2/12/88)

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