

**Shades**



**Covers**



**Oil Booms**



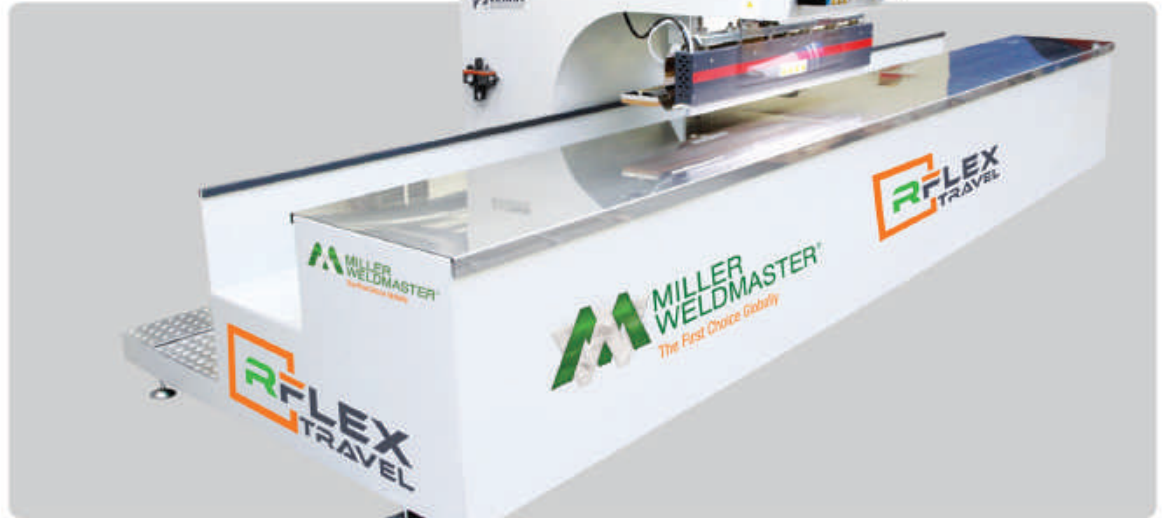
**Bilboards**



**Ducting**



**+ More**



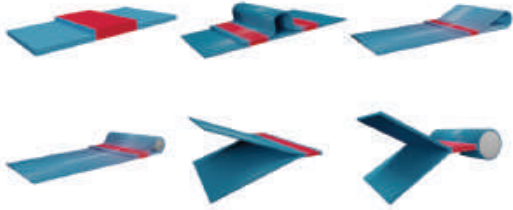
## Automated Traveling Head **HIGH FREQUENCY WELDER**

The RFLex Travel is a radio frequency welding machine with a traveling head for the production of large format PVC and PU products. The reliable and repeatable technology gives you waterproof and air tight welds with minimally visible seams, even on multiple layers of fabrics. With an optional vacuum worktable up to 100 meters long, you can easily line up your fabric with the laser guides and press go. Let your traveling welding head do the work for you.

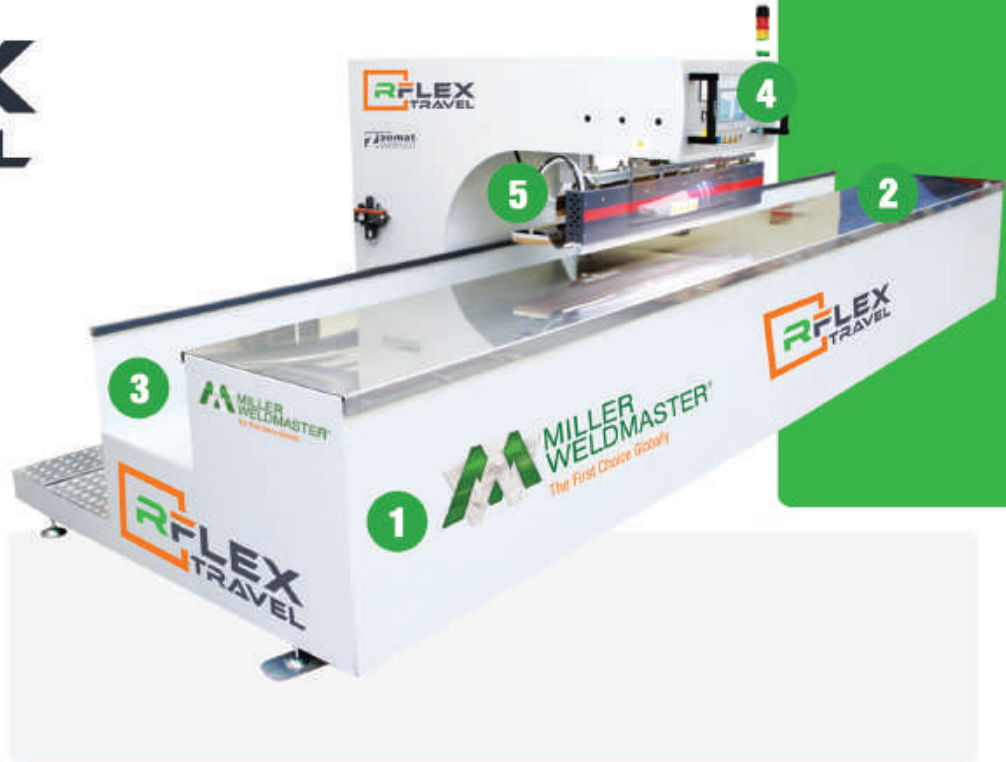
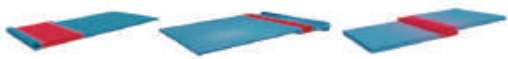
RFLex Travel Applications:

- Tensile structures, tents, shade systems, truck covers and side curtains
- Swimming pool liners and covers, oil booms, flood dams and water tanks
- Airport hangars, portable storage structures, containment pools, ground liners
- Signs, banners and large format billboards
- Filter tubes and bags
- Ducting, ventlation and hose





## ACTIVE SEAM TYPE RECIPES



## TECHNICAL SPECIFICATIONS

**Power Requirements:** 240 Volts - Three Phase - 60 Amp.  
400 Volts - Three Phase - 40 Amp.  
480 Volts - Three Phase - 40 Amp.

**Electron Tube:** Air cooled metal-ceramic triode

**Antiflash System:** Ultra fast solid state

**Control System:** PLC & 10" touch screen HMI

**Electrode Length:** 1.5m (59")  
\*Additional Sizes Available

**Electrode Stroke:** 0.16m (6.3")

**Air Requirements:** 2cfm @ 120psi

**Power Output:** Approx. 17kW

**Dimensions:** Width: 1.7m (66.9")  
Height: 2.4m (94.5")  
Table Length: 10.6m (418")  
Sections: 0.8m (31.5")

**Trough size:** 0.6 x 0.4m (23.62 x 15.74")

**Electrode Mount:** QuickGRIP, pneumatic

## FEATURES & BENEFITS

1. Efficient large format production with frequency inverter rail driven RF welding head.
  2. Easy material handling with work table length up to 100m.
  3. Easy material positioning with back trough and laser guides.
  4. 10" color touch screen color HMI panel with expanded functionality.
  5. Easily switch dies with QuickGRIP release system of the electrodes.
- SAFEDOWN anti-crush electrode motion safety system.
  - RF autotuning for efficient and consistent welds.
  - Fully programmable PLC with 1,000 memory settings.
  - Custom dies and tools available for versatile production.
  - Ultrafast sensitive ARC sensor & output overload protection.
  - Transverse + 2.4 inches to 4.75 inches weld head motion. **(Optional)**
  - For welding non-RF weldable fabrics, the RFlex can be fitted with an impulse electrode. **(Optional)**