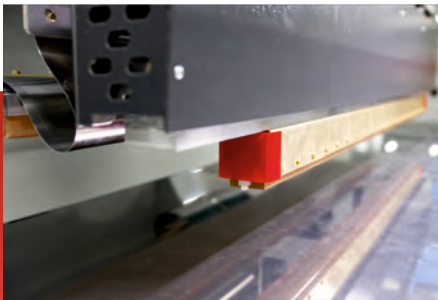


# TARPA PRO

The most technologically advanced traveling head HF welder in the market today with proprietary and unique **FreeWeld™** and **AXYS Move™** systems. **TARPA PRO** is designed specifically for production of large format tensile structures, membranes, oil & gas storage tanks, tents, truck covers, swimming pool liners, billboards, etc.

The work table is made of **Magnetic Stainless Steel** for ease of fabric placement and aligning and can be up to 100m (300') long, with multiple HF welding heads on a single track. ECO-HF Gen5 energy efficient HF generator, touch screen and joystick operation, precise temperature stabilization, VPN remote access, WCS™ Weld Control System and patented EMECS (Electro Magnetic Emission Control System) make this a superior HF welding machine.

Custom tooling/electrodes design, in-house R&D, global technical service support and highest safety protocols are our key trade marks.



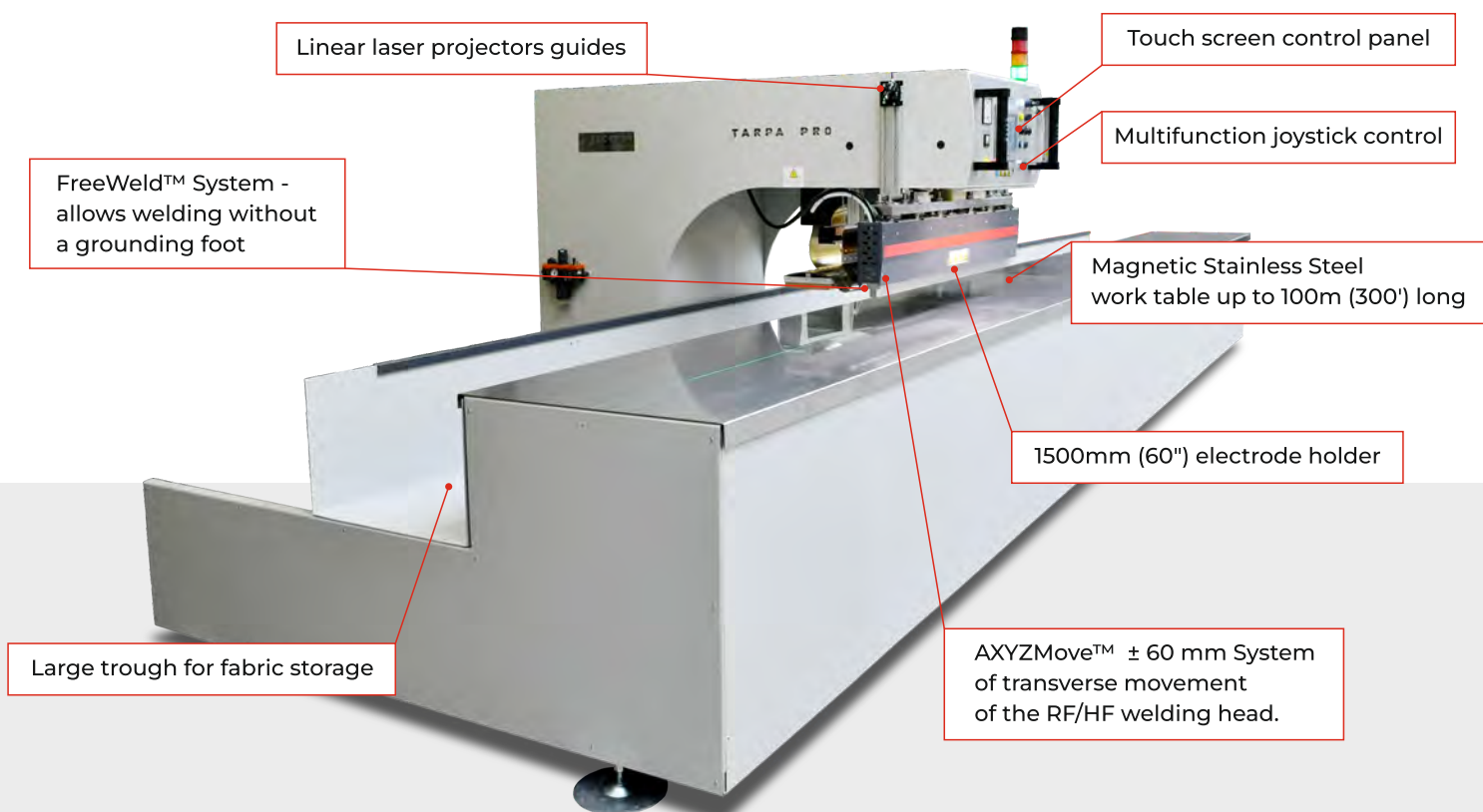
Optional FREEWeld™ System



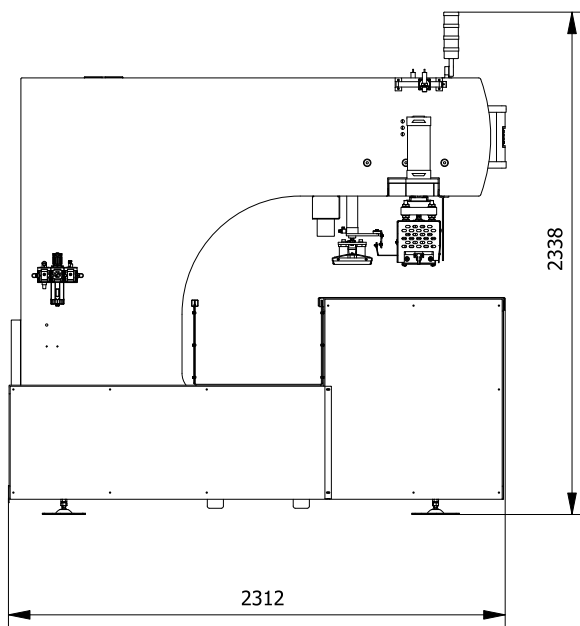
Optional AXYS Move™ ± 60 mm System



Optional Side platforms  
for machine operators



## TARPA PRO - dimensions:



## Why is our technology unique?

**Optional FREEWeld™ System** - Patented HF welding System utilizing welding/sealing work without the need to use grounding foot in an open frame HF welder.

**AXYZMove™** - Innovative system of transverse movement of the RF/HF welding head. Movement of the head is possible in the range of  $\pm 60$  mm. The system significantly improves work with large and heavy materials, where overlapping (pocket) or parallel welds need to be made. The operator has the ability to set the RF/HF head directly above the welding spot and move the RF/HF head along the transverse direction. In the case of long machines and 2 weld heads installed on one track, the system gives the opportunity to perform 2 parallel welds in one work pass.

**Magnetic Stainless Steel work table** - for ease of operation allowing placing and holding fabrics with magnets during weld cycle.

**Optional 300mm wide pressing plate** to be used with curved, round or special shape electrodes and dies.

**Optional IMPULSE heat electrode system** for welding non-HF weldable fabrics and films.

**ZTG iCOM™ System** - Built-in VPN client and VNC server making up the internet interface allowing remote control of machine parameters, weld cycle and diagnostics or software upgrade.

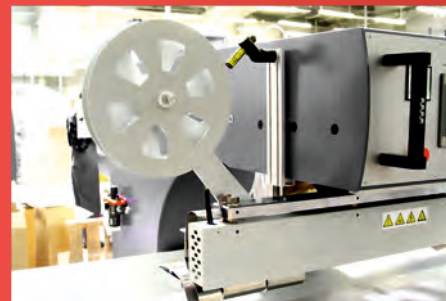
**Weld Check System, WCS™** - Verifying and signaling the HF/RF weld preset parameters / end cycle process. Collects all data pertaining to each weld cycle for remote diagnosis of any issues or problems with machine setup or power output.

**ZTG SafeDOWN™ safety system** - welding (clamping) area protected against accidental access or pinching with tooling bar press protection system for operator safety.

**QuickGrip™ System** - System for quick and easy replacement of electrodes. The electrodes are attached with pneumatic clamps activated from the HMI panel.

**AntiFlash™ System** - Ultra-fast Solid-State ARC sensor and full output overload protection.

CE, CSA cetified. Full compliance with EN and EMC standards.



Tape unwinders



Large space behind the electrode



Large press plate for custom tooling

**Check the website  
and learn more!**

