

CONTINUOUS HF WELDING MACHINE

Patented HF welding line for growing flexible-tank production.

Built in-house for manufacturers who need an affordable start point,
expandable working length, and consistent seam quality as production
grows.



ZL3000S-1601 · Continuous HF welding line

PATENTED

IN-HOUSE DEVELOPED

CUSTOM LAYOUT

3 m

BASE WORKING LINE

30 m

EXTENDABLE TO

2–4 m/min

WELDING SPEED

27.12 MHz

HF FREQUENCY

AFFORDABLE · EXPANDABLE · PRODUCTION-READY

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Why buyers consider this line

COMMERCIAL FIT

01

Expandable

Start with a 3 m base line and extend in 3 m modules up to 30 m as production volume grows — no need to over-buy on day one.

02

Cost-effective start

Practical HF capacity for growing manufacturers, with lower capital pressure and room to scale production step by step.

03

In-house & patented

Developed from ZolinWorks’ own welded-fabric production — a working production tool, not a generic resold machine.

04

Stable seam quality

Continuous welding supports even power delivery and more consistent long seams for repeatable production quality.

Technical summary

CORE SPECIFICATIONS

PARAMETER	VALUE
Model	ZL3000S-1601
Working line	3 m base line, modular extension up to 30 m
Max input power	3–5 kVA
Rated voltage	220 V ±10%
Oscillation frequency	27.12 MHz ±0.5%
Welding width	10–200 mm
Welding speed	2–4 m/min
Cooling	Air cooling
Air pressure	6 bar
Safety certification	CE

Proven in production

WHY IT EARNS TRUST

- We run this line ourselves, every day.** ZolinWorks welds its own flexible water tanks on this machine for export worldwide — so it is proven by our own production, not just sold.
- Buyers in 20+ countries have built businesses on it.** The same line is used to make water bladders, camping and tent fabric, banners, flood-barrier (gravity) bags and more — one machine opening several product lines, all relying on its strong, fully watertight HF seam.

PATENTED LINE · CUSTOM LAYOUT REVIEW AVAILABLE

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