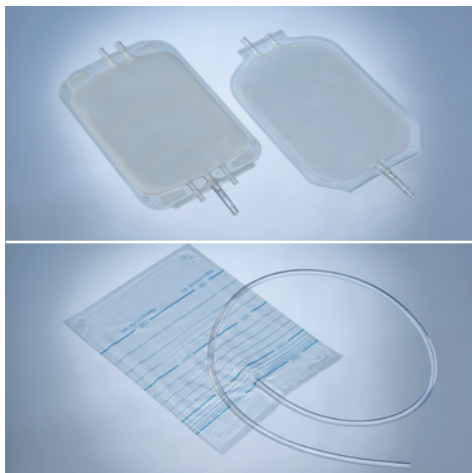




Example: Shuttle Table KSR 47

## Medical Industry

# SHUTTLE TABLE KST/KSR LINE



**WTC**

TC Welding  
Technology



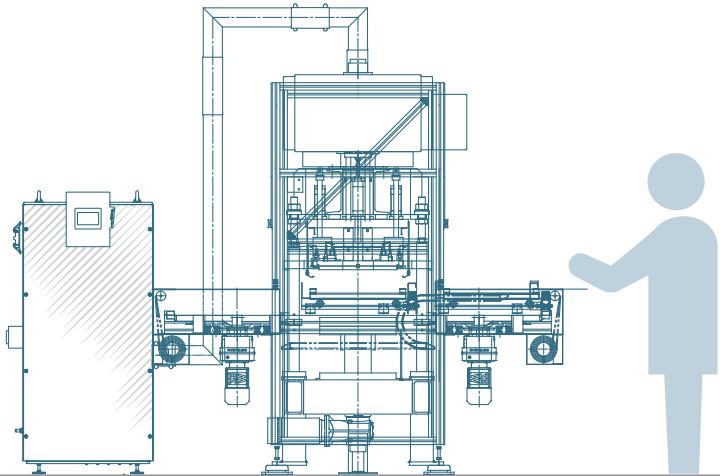
**WRF**

RF Welding  
Technology

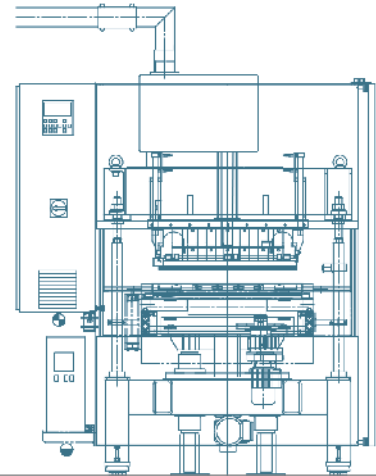
The Kiefel Shuttle Table is a flexible and versatile welding machine, equipped with thermo-contact, radio-frequency or mixed technology. The KST/KSR line is suitable for medical products such as **blood bags and filters, catheter systems, urine bags, colostomy bags, IV bags** (e.g. dialysis, nutrition etc.), and further products made of PVC or non-PVC.

A Shuttle Table is usually used for smaller outputs, complex product designs like oversized components, various layers, or for laboratory purposes.

The feeding of material and unloading of finished products is done manually. The Shuttle Table can be operated by one or two people either from one or both sides.



Front



Side

Example: Shuttle Table KSR 47

## Shuttle Table KST/KSR Line

### Main benefits

- Full flexibility:** Easy change of tools possible
- Accommodates all production steps to manufacture **complete products** (head/component/contour)
- Process is **repeatable** due to automatization: Process reliability for first product batch is ensured
- Welding station and shuttle tables are equipped with tempering plates – guaranteeing **constant temperature** in the welding area
- Meets the standard of **FDA and cGMP**  
CE conform
- Tearseal possible** (optional)



Example: Solid State generator KGS 8<sup>PCon</sup>

### Technical data

**KSR 47** (example)  
Shuttle Table

Welding technology	radio-frequency
Maximum pressing force	20 kN or 40 kN
Maximum press stroke	180 mm
Useful welding area	400 x 700 mm
Dimension/weight: Machine (L x W x H)	2.400 x 2.200 x 2.400 mm / approx. 2.000 kg
Generator KGS 8 <sup>PCon</sup> – 8 kW (L x W x H)*	848 x 674 x 1.339 mm / approx. 300 kg*
Generator KGS 12 <sup>PCon</sup> – 12 kW	1.080 x 950 x 1.700 / approx. 620 kg
Power supply	3 x 400 V / 50/60 Hz
Power consumption	21.5 kVA / 30 A
Cooling water supply	1/2"
Cooling water flow	400 – 800 l/h
Output approx.	5 cycles/min
Output per hour approx.	300 bags/h for 1-up operation / 2 operators