



Example: KIR 33 Highliner

Medical Industry

INLINE SOLUTIONS KIT/KIR LINE



WTC

TC Welding
Technology



WRF

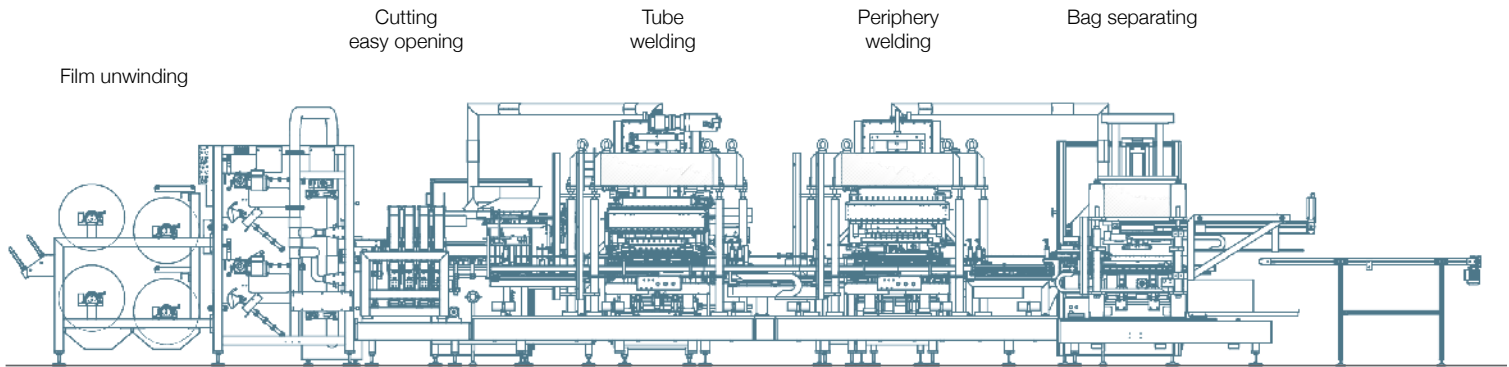
RF Welding
Technology

Kiefel inline machines are for producing blood bags, blood filters, IV bags, urine bags and other PVC or non-PVC bags in one line. Depending on product characteristics, the welding technology can be thermo-contact or radio-frequency. A filling station is optional available.

The line can be operated semi-automatic (Swifter) or automatic (Highliner). The machines are configured flexible with any x-up versions as desired. Component feeding driven by flex-feed systems is available. Kiefel inline machines include inline printing stations and camera inspection.

DRIVING YOUR PERFORMANCE





Example: Inline blood bag making KIR 64 Highliner

Inline Solutions KIT/KIR Line



FWPro
Film Preforming
Technology










TWPro
Tube Preheating
Technology



WPlus
Innovative
Crossfield Welding
Technology

Main benefits at a glance

-  **Reject part management** based on monitored parameters
-  Optimized **film guidance** system
-  The welding stations are **driven by servomotors** including load cells, which guarantee a
 - higher precision and repeatability of production steps
 - lower air consumption
 - permanent monitoring of welding parameters
-  **Self-diagnosis-system** and high user-friendliness
-  **Fast product changeover due** to quick pneumatic clamping devices
-  **Single-operator, or two to three operators** when used without automatic component-feed or unloading
-  **Easy tool change**

Technical data

	KIR 33 Highliner (example)	KIR 63 Highliner (example)
Welding technology	radio-frequency	radio-frequency
Generator Power	16 kW	1 x 12 kW; 1 x 20 kW
Maximum pressing force	1 x 40 kN	2 x 40 kN
Maximum press stroke	100 mm	100 mm
Maximum welding area	300 x 320 mm	600 x 320 mm
Dimensions (L x W x H) approx.	7.700 x 4.000 x 2.700 mm	12.000 x 4.000 x 2.700 mm
Machine weight approx.	10.000 kg	18.000 kg
Power rating	57 kVA	57 kVA
Compressed air consumption	1.500 NI/min	3.900 NI/min
Cooling water consumption	4 l/min	9 l/min
Power consumption	8 kWh	14 kWh
Configuration	2-up	4-up
Nominal output top bags approx.	1.000–1.100 bags/hour	2.000–2.200 bags/hour
Nom. output top-bottom bags approx.	1.000–1.100 bags/hour	1.900–2.050 bags/hour