**INLINE SOLUTIONS
KIT/KIR**

Producing bags in one line






The Kiefel inline solutions

Kiefel inline machines are for producing blood bags, 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 semi-automatic or automatic. The machines are configured flexible with any x-up version as desired. Component feeding driven by e.g. a flex-feed system, inline printing stations and camera inspection are available.



Main benefits at a glance:

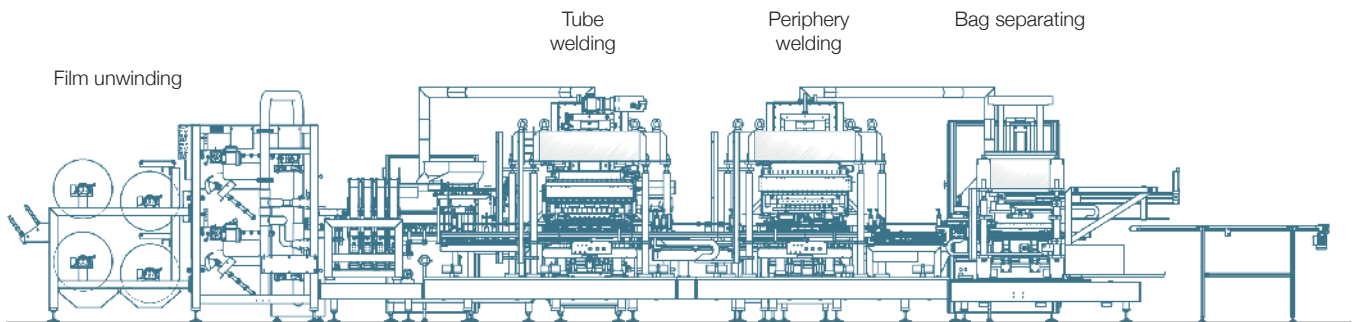
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 Optimized **film guidance** system and **reject part management** based on monitored parameters
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 The welding station is **driven by a servomotor** including a load cell, which guarantee a higher precision, repeatability of production steps and lower air consumption
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Self-diagnosis-system and high user-friendliness
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Fast product changeover due to quick pneumatic clamping devices
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Easy tool change



WTC
TC Welding
Technology



WRF
RF Welding
Technology



Example: Inline blood bag making KIR 64

Technical data	KIR 33 (example)	KIR 64 (example)
Welding technology	Radio-Frequency	Radio-Frequency
Generator power	16 kW	1 x 12 kW; 1 x 16 kW
Maximum welding area	300 x 320 mm	600 x 320 mm
Dimensions (L x W x H) approx.	7,700 x 4,000 x 2,400 mm	12,000 x 4,000 x 2,700 mm
Machine weight approx.	10,000 kg	18,000 kg
Operation	2-up	4-up
Nominal output top bags approx.	1,100 bags/hour	2,200 bags/hour