



Example: KIF 23 Highliner

Medical Industry

# FILLING EXCELLENCE

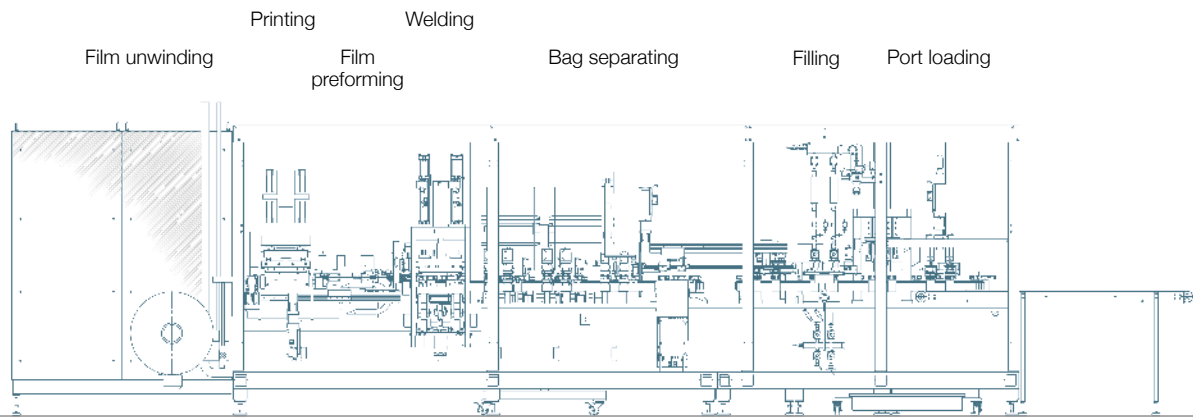


**SFT**

Smart Fill  
Technology

Kiefel's expertise in filling: The filling excellence is offered in small modules, semi-/automatic filling modules or integrated in bag-making lines. Solutions to be filled vary from sodium chloride to serums.

A wide range of options allows a customization of filling machines for any desirable bag design. Tubes or hard ports, multi-chamber bags, peel seal, coding & printing, nitrogen flushing, vacuuming, laminar flow are all features available upon request.



Example: Form-Fill-Seal Line

## FILLING EXCELLENCE

### Kiefel sets standards

- High quality, **mass-flow meter** and optimized flow path ensure filling precision
- Best filling quality due to **excellence in speed** and small tolerances
- Automatic **CIP/SIP** available
- Meets **FDA** and **GMP** standards
- Modular filling station:** stand alone or integrated in lines



Filling station

#### Technical data

	<b>KIF 23 Highliner</b> (example)	<b>KIF 53 Highliner</b> (example)
Welding technology	thermo-contact	thermo-contact
Maximum pressing force	50 kN (150 kN)	80 kN (150 kN)
Maximum press stroke	38 mm	38 mm
Useful welding area	280 x 320 mm	560 x 320 mm
Dimensions (L x W x H) approx.	7.330 x 4.730 x 2.100 mm	11.000 x 4.700 x 2.100 mm
Machine weight approx.	7.000 kg	10.000 kg
Power rating	34 kVA	42 kVA
Compressed air consumption	200 NI/min	200 NI/min
Cooling water consumption	none	none
Power consumption	5 kWh	8 kWh
Operation	2-up	4-up
Output 500 / 1.000	2.400 / 2.160 bags/hour	4.800 / 4.320 bags/hour