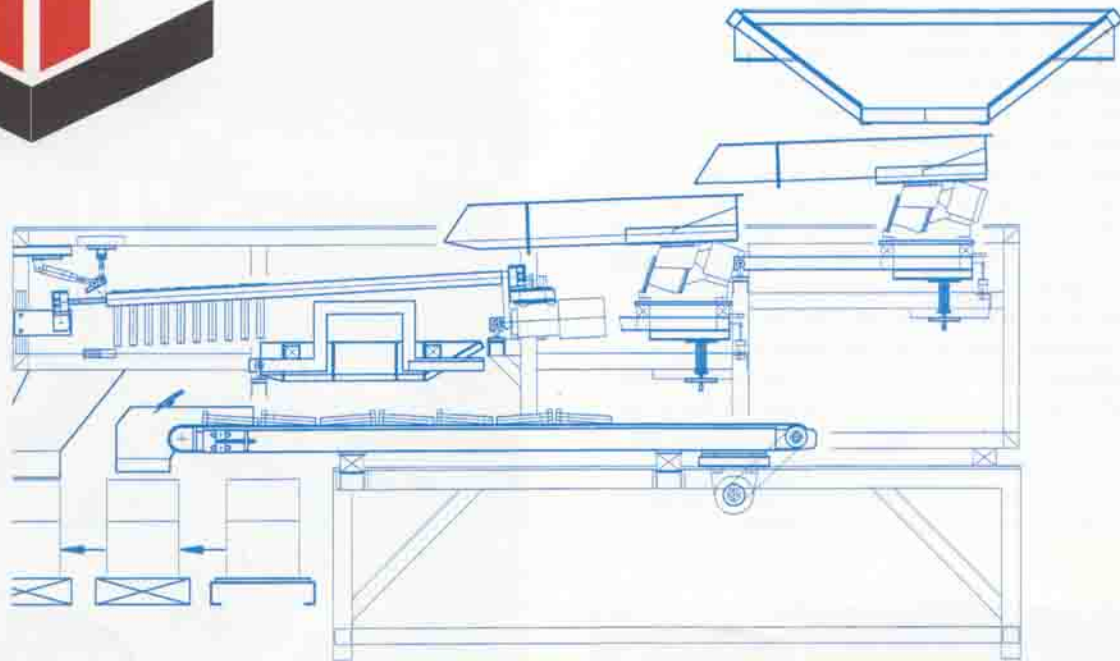




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KWF 50 KLT-, 1/4 KEG and returnable filler



Specifically for the high speed direct filling of boxes, KLT, AIAG returnables and other similar containers, Weighpack developed this unique bulk weigh system. The KWF 50 system incorporates 2 or 3 vibratory trays, an accumulation belt, single or double weighing station and optical fine feed position.

Weighpack KWF 50 KLT-, 1/4KEG- and Returnable fillers are high speed packaging machines to pack hardware products like screws, nuts, bolts into KLT, 1/4KEG cartons or AIAG RETURNABLES up to 35 kg (70 lbs). Weighpack's wide knowledge in handling hardware products resulted in a system where damage to threaded products is reduced to a minimum. The sliding of product, filling directly into the boxes and special coating results in a smooth running system where undamaged filling, speed, low infeed height and sound level are optimized. An accumulation belt is used for feeding the product into the boxes. During box transfer this belt is switched in reverse direction thus accumulating product without stopping the vibratory feeding trays. If a new box is presented on the weighing platform, the accumulation belt is switched into forward direction feeding with double speed for the first part of the filling process.

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KWF 50 KLT-, 1/4 KEG and returnable filler

The KWF 50 system takes a constant flow of product from the storage hopper instead of the conventional intermittent removal/take away. This constant flow enables better control, accuracy and maximum output. The KWF 50 is a basic system, that can grow with production demands. It is compact and has very short change-over times. The KWF can run as a stand-alone unit with one operator in a semi-automatic mode giving 35 Tons/8 hours packing capacity or can be extended with Weighpack box forming, closing and palletizing equipment. This fully automatic packing system can give an output of 50 Tons/8 hours. The KWF 50 can run KLT which can be presented by a Weighpack destacker or depalletizer. Also AIAG Returnables can be denested, closed, labelled and palletized. The KWF 50 has a high speed weigh/count processor, which guarantees very accurate weigh/count results. All dangerous and moving parts are fully shielded according to European (CE) and USA (OSHA) safety requirements.



Photography: Victor Smithe

TECHNICAL SPECIFICATION

Product range:	Screws, bolts, nuts
Product dimensions:	Min 6 x 25 mm (1/4" x 1") Max 25 x 155 mm (1" x 6 1/4")
Weight range:	10 - 35 kg (20 - 70 lbs)
Output:	up to 50 tons/8 hrs
Accuracy:	0, + 1 - 4 pcs
Box dimensions:	230 x 230 x 195 mm (1/4 KEG)
Returnable type:	AIAG returnable KLT 3214, 4314, 4321
Power consumption:	2,5 kw
Mains supply:	3 x 380 V, 50/60 Hz
Air consumption:	0,2 Nm ³ /min.
Air pressure:	5 - 6 Bar

Note: Maximum speed will depend on product, box size and style and will be quoted for each application. Detailed machine specifications are supplied with quotation.