

K-MAG® Selvedge Motion

The K-MAG® selvedge motion sets safe and optically perfect selvedges to all fabrics according to the well-proven four-end-system even with high speed machines.

The sophisticated design is characterized by

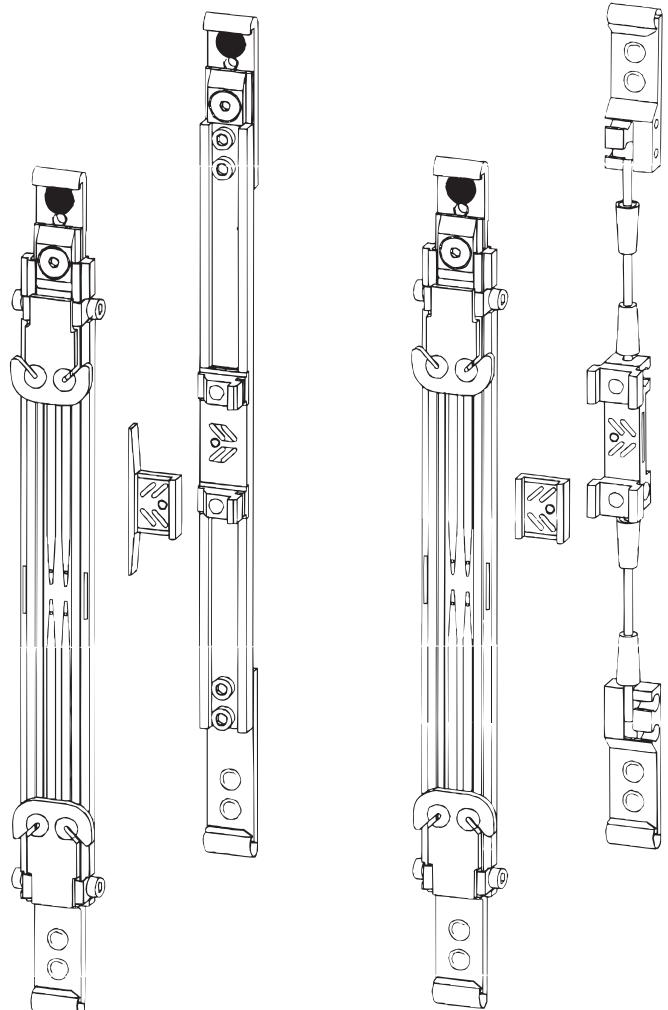
- the reliable permanent magnet system which assures a safe selvedge binding according to the cross motion leno process
- the consequent use of high-tech synthetics in order to reduce weight and to guarantee highest speeds
- friction-reducing ceramic inserts in all critical areas of the thread reversion
- alternative models with straps or a rear extension piece which can be converted in case of changed conditions to meet specific machine requirements
- an easy and quick installation directly on the heald frame with monkey-wrench-system
- a very good price-performance ratio
- a reliable selvedge binding up to a speed of 1.000 picks per minute

In addition to the basic types, K-MAG® selvedge motions are also available in various special types which even handle extraordinary weaving conditions. Apart from the frame independent version of the selvedge motion, especially models with enlarged frame raising and constructions for special applications, number among these specific types.

To guarantee a trouble-free function of the K-MAG® selvedge motion, indispensable components are

- the Klöcker cross leno cone creels with variable fastening devices for four or eight bobbins and
- the Klöcker thread reversions with different fastening adaptors for four or eight threads.

They make up the Klöcker functional unit.



K-MAG® Selvedge Motion with Rear Extension Piece

K-MAG® Selvedge Motion with Attachable Straps

The K-MAG® Selvedge Motion

standard type with attachable straps or rear extension piece

heald length in mm (inch)	sym ¹ max. raising in mm	asym ¹ 5 mm max. raising in mm	asym ¹ 10 mm max. raising in mm
280 mm (11")	65,0	60,0	55,0
300 mm (11 13/16")	75,0	70,0	65,0
302 mm (11 7/8")	76,0	71,0	66,0
305 mm (12")	77,5	72,5	67,5
330 mm (13")	90,0	85,0	80,0

heald length in mm (inch)	sym ¹ max. raising in mm	asym ¹ 5 mm max. raising in mm	asym ¹ 10 mm max. raising in mm
356 mm (14")	103,0	98,0	93,0
381 mm (15")	115,0	110,0	105,0
407 mm (16")	98,5	93,5	88,5
420 mm (16 1/2")	105,0	100,0	95,0
432 mm (17")	111,0	106,0	101,0

The K-MAG® Selvedge Motion

Nippon type for extended raising²

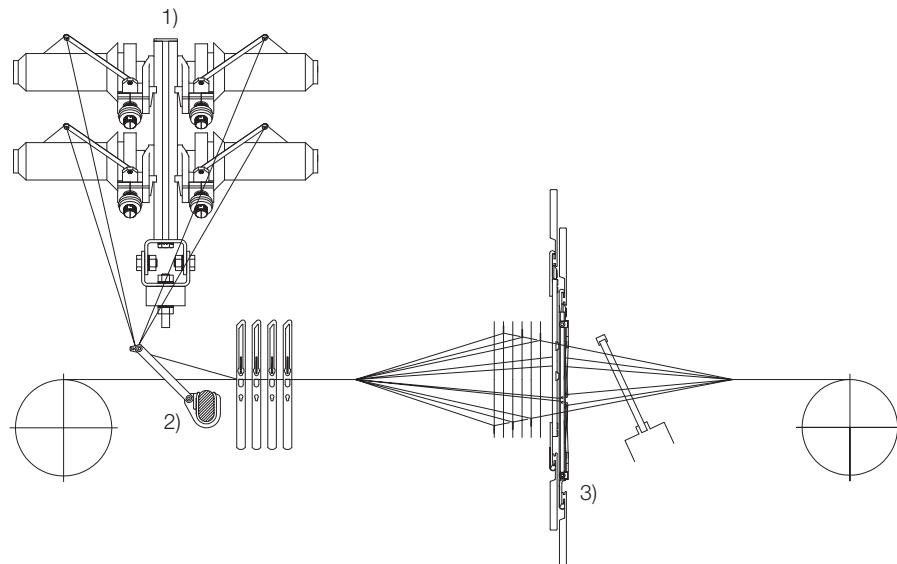
heald length in mm (inch)	heald carrying rod	sym ¹ max. raising in mm	asym ¹ 5 mm max. raising in mm	asym ¹ 10 mm max. raising in mm
280 mm (11")	16,0	78,5	73,5	68,5
(11 13/16")	22,0	73,2	68,2	63,2
300 mm (11 7/8")	16,0	72,0	67,0	62,0
(12")	22,0	88,5	83,5	78,5
302 mm (11 13/16")	16,0	83,2	78,2	73,2
(12 1/2")	22,0	82,0	77,0	72,0
305 mm (12")	16,0	89,5	84,5	79,5
(12 1/2")	22,0	84,2	79,2	74,2
307 mm (12 7/8")	16,0	83,0	78,0	73,0
(13")	22,0	91,0	86,0	81,0
309 mm (13")	16,0	85,7	80,7	75,7
(13 1/2")	22,0	84,5	79,5	74,5

heald length in mm (inch)	heald carrying rod	sym ¹ max. raising in mm	asym ¹ 5 mm max. raising in mm	asym ¹ 10 mm max. raising in mm
330 mm (13")	16,0	103,5	98,5	93,5
(13 1/2")	22,0	98,2	93,2	88,2
356 mm (14")	16,0	97,0	92,0	87,0
(14 1/2")	22,0	116,5	111,5	106,5
381 mm (15")	16,0	111,2	106,2	101,2
(15 1/2")	22,0	110,0	105,0	100,0
407 mm (16")	16,0	129,0	124,0	119,0
(16 1/2")	22,0	123,7	118,7	113,7
420 mm (16 1/2")	16,0	122,5	117,5	112,5

¹⁾ The descriptions "sym" (symmetrical) and "asym" (asymmetrical) refer to shedding.

²⁾ For special models detailed information on heald length, symmetry of healds and pitch is necessary.
Special models cannot be exchanged.

The Klöcker Functional Unit



1) Klöcker Cross Leno Cone Creel 2) Klöcker Thread Reversion 3) K-MAG® Selvedge Motion

We reserve the right to technical modifications without prior notice. Particulars on speed are exclusively based on the use of the Klöcker functional unit. Drawings indicate only characteristic features.

Detailed information and individual consultation via our hotline – Please contact us!