



mk wide

Bubble Cage for Blown Film Lines

MK-BWIDE is SYNCRO's PATENTED range of calibration baskets, engineered to perform with constant precision and stability. MK-BWide's series of cages has a range from 3150 mm to 12500 mm lay flat and offer an innovative design with a rigid construction and accurate control of the cage position throughout the operational range.



PRINCIPLE OF OPERATION

The calibration basket is one of the most important parts of the process which influences both film quality and profile tolerance, MK-BWide keeps the bubble centered and calibrated after the air ring in the Blown Film process.

MAIN FEATURES

EASY INSTALLATION

MK-BWide can easily be installed on existing Blown Film Lines, replacing old calibration baskets

PATENTED MOVEMENT

MK-BWide has a patented open and close movement which maintain the rollers radial to the bubble centre keeping the same contact point

INTERCHANGEABLE GUIDES

Rollers are installed on interchangeable guides allowing the possibility to install additional rollers in the future.

LIFTING SYTEM

MK-BWide has 4 separate motorized lifting screws with a stroke available from 1000 mm to 2500 mm

ROLLS

MK-BWide is available with different kind of rollers such as, silicon foam, carbon fibre, wool sleeve, anti-sticky and FDA approved coatings

LEVELS

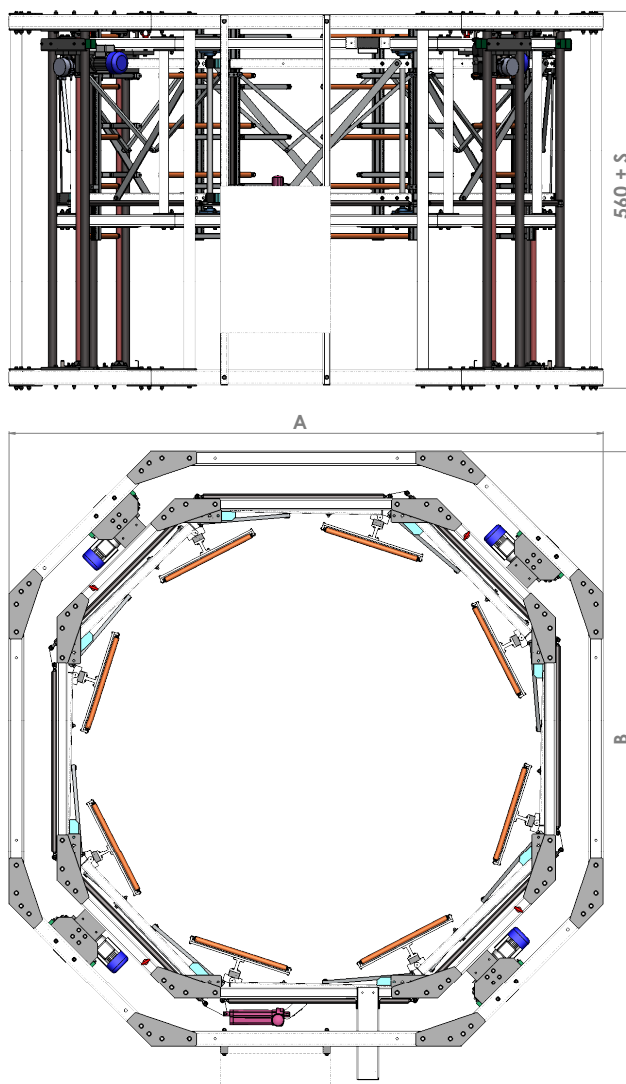
MK-BWide has the possibility to install between 5 and 8 rollers for each arm, depending on the customer needs.

IBC INTEGRATION

MK-BWide is pre-designed for the integration of a SYIBC sensor.

When supplied together with SYIBC, the calibration basket is equipped with an Ultrasonic Sensor Bracket and wiring for plug and play installation

TECHNICAL DATA



	Model	Hot bubble diameter		LayFlat		Stroke S (mm)	Dimension A (mm)	Dimension B (mm)
		Ø min	Ø max	LF min*	LF max*			
6 Bracci	MK3150-8	605	2110	900	3150	1000/2500	3070	3276
	MK3500-8	670	2345	1000	3500	1000/2500	3240	3483
	MK4000-8	765	2680	1145	4000	1000/2500	3550	3800
	MK4500-8	860	3015	1285	4500	1000/2500	3976	4221
	MK5000-8	960	3350	1430	5000	1000/2500	4230	4475
	MK5600-8	1070	3755	1600	5600	1000/2500		
8 Bracci	MK6500-12	1245	4355	1855	6500	1000/2500	6525	6775
	MK7400-12	1415	4960	2115	7400	1000/2500		
	MK8500-12	1630	5695	2430	8500	1000/2500	7200	6770
	MK9600-12	1840	6435	2745	9600	1000/2500	8075	8320
	MK11000-12	2110	7370	3145	11000	1000/2500		
	MK12500-12	2390	8375	3570	12500	1000/2500		

* indicates the cold film, during processes the diameter could be increased up to 5%