



# mk **3** 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-BSmart's series of cages 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 a 4 screw lifting system 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.

Moreover, the rolls are also available with a "V" shape for doubling the number of centring points.

#### IBC INTEGRATION

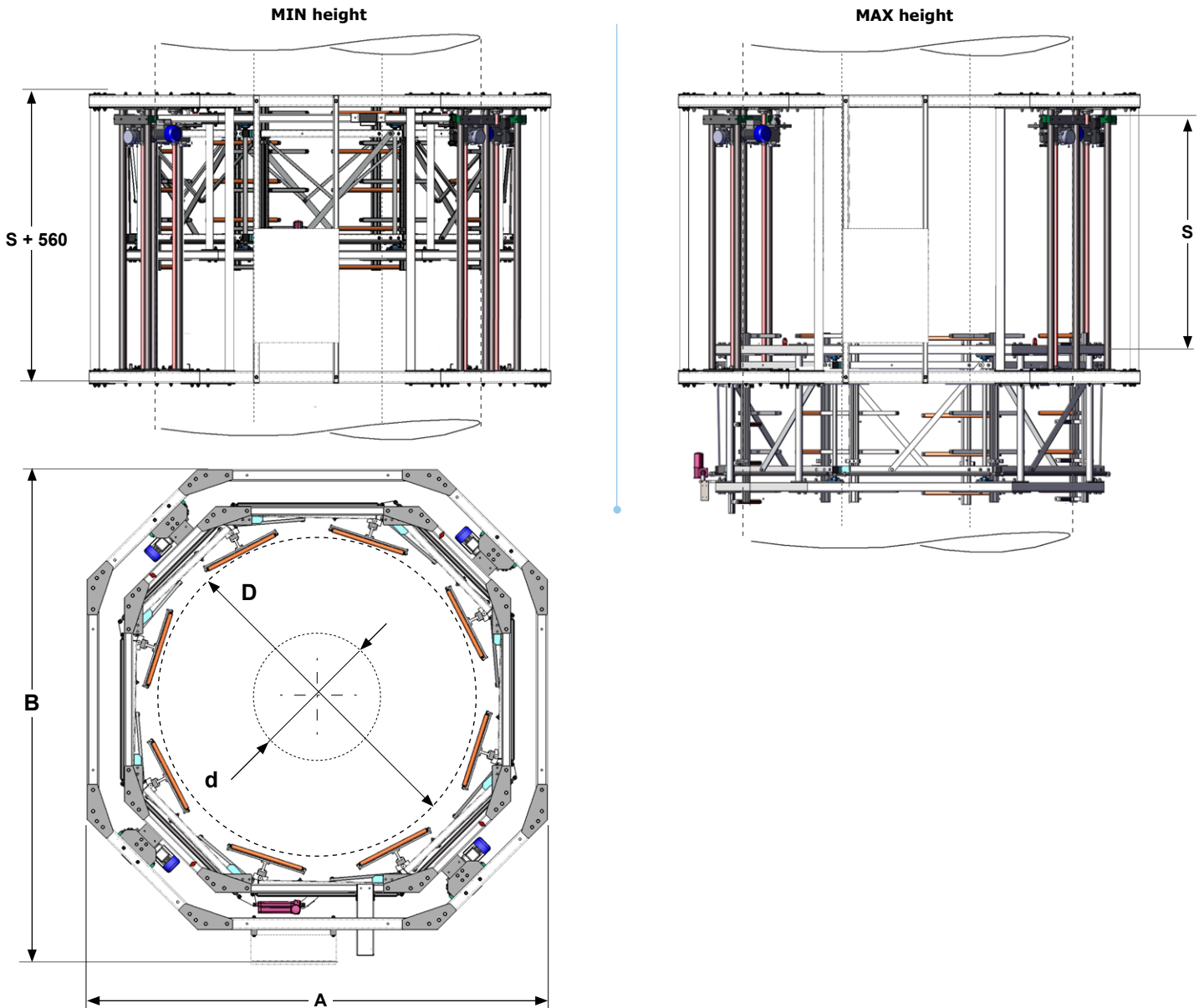
MK-BWide is pre-designed for the integration of a SYIBC sensor.

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

#### OPTIONS

MK-BWide is available with multiple options such as, an open/close control box, lay flat display, positioning system, sensor brackets and open/close control cards.

TECHNICAL DATA



Model	Ø Hot bubble		LayFlat		Stroke S (mm)	A (mm)	B (mm)
	Ø d min	Ø D max	LF min*	LF max*			
8 Arms	MK3150-8	605	2110	900	1000 / 2500	3070	3276
	MK3500-8	670	2345	1000		3240	3483
	MK4000-8	765	2680	1145		3550	3800
	MK4500-8	860	3015	1285		3976	4221
	MK5000-8	960	3350	1430		4230	4475
	MK5600-8	1070	3755	1600		4992	5237
12 Arms	MK6500-12	1245	4355	1855		6525	6775
	MK7400-12	1415	4960	2115		6456	6701
	MK8500-12	1630	5695	2430		7200	6770
	MK9600-12	1840	6435	2745		8075	8320
	MK11000-12	2110	7370	3145		9384	9629
	MK12500-12	2390	8375	3570		10605	10850

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