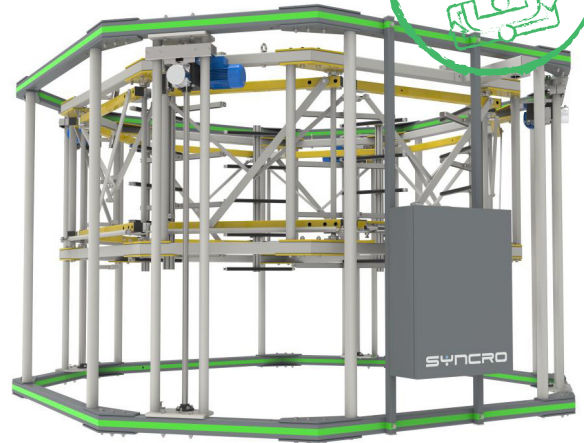




# MKWYDE

## Bubble Cage for Blown Film Lines

**MKWYDE** is SYNCRO's PATENTED range of calibration baskets, engineered to perform with constant precision and stability. MKWyde'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, MKWyde keeps the bubble centered and calibrated after the air ring in the Blown Film process.

### MAIN FEATURES

#### EASY INSTALLATION

MKWyde can easily be installed on existing Blown Film Lines, replacing old calibration baskets.

#### PATENTED MOVEMENT

MKWyde 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

MKWyde has a 4 screw lifting system with a stroke available from 1000 mm to 2500 mm.

#### ROLLS

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

#### LEVELS

MKWyde has the possibility to install between 8 and 12 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

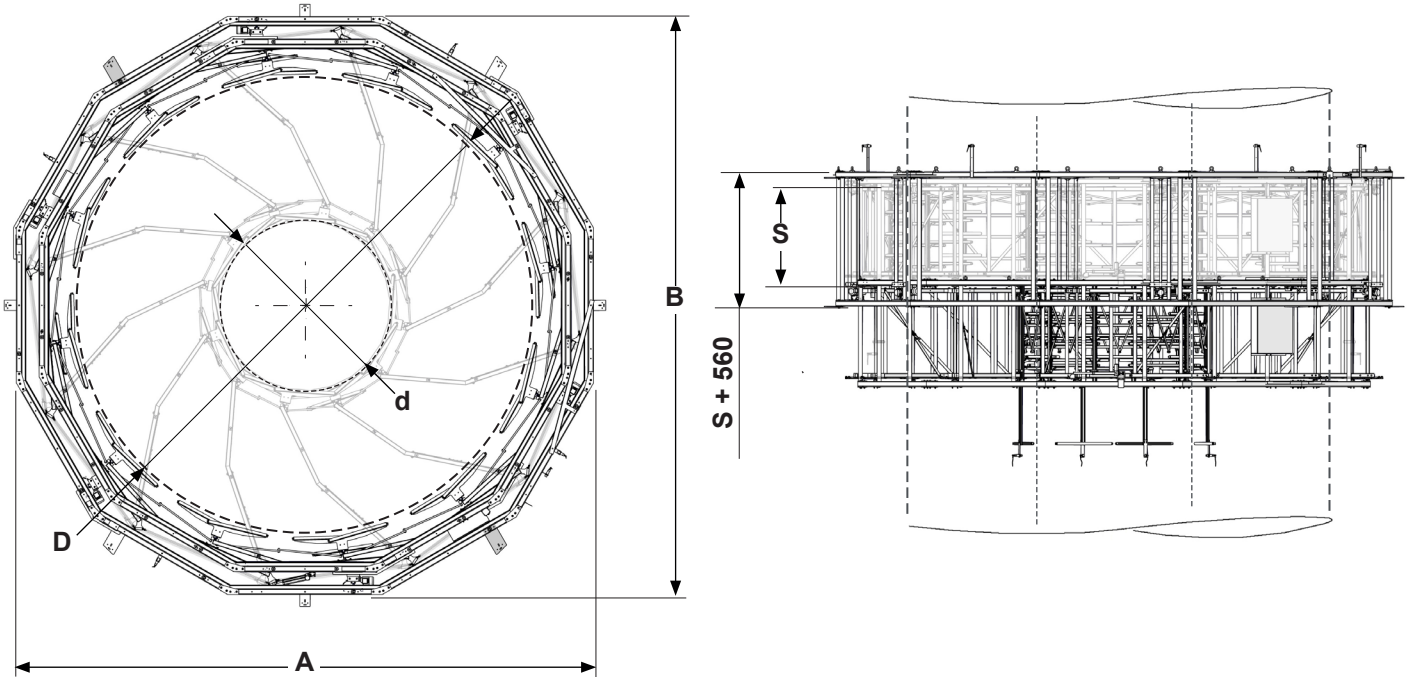
MKWyde is pre-designed for the integration of a SYIBC sensor.

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

#### OPTIONS

MKWyde 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)	Dimension A (mm)	Dimension B (mm)	Weight (kg)
		Ø d min	Ø D max	LF min*	LF max*				
8 Arms	<b>MK3150-8</b>	605	2110	900	3150	1000 / 2500	3070	3276	1070
	<b>MK3500-8</b>	670	2345	1000	3500		3240	3483	1150
	<b>MK4000-8</b>	765	2680	1145	4000		3550	3800	**
	<b>MK4500-8</b>	860	3015	1285	4500		3976	4221	**
	<b>MK5000-8</b>	960	3350	1430	5000		4230	4475	1430
	<b>MK5600-8</b>	1070	3755	1600	5600		4992	5237	**
12 Arms	<b>MK6500-12</b>	1245	4355	1855	6500		6525	6775	**
	<b>MK7400-12</b>	1415	4960	2115	7400		6456	6701	**
	<b>MK8500-12</b>	1630	5695	2430	8500		7200	6770	**
	<b>MK10000-12</b>	2110	7370	3145	11000		9384	9629	3700
	<b>MK12500-12</b>	2390	8375	3570	12500		10605	10850	**

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

\*\* Dimensions and weights to be defined with Syncro's technical department at a preliminary stage.