



SCTWYCE•GT

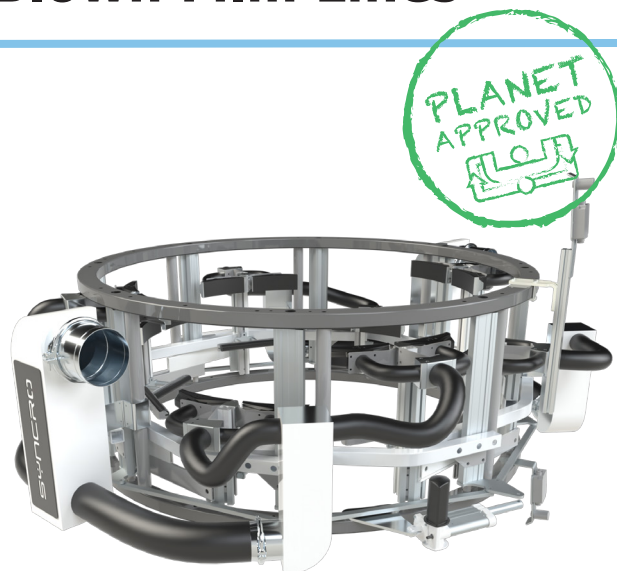
Secondary Bubble Cage for Blown Film Lines

SCTWYCE•GT is the range of secondary calibration baskets, designed to operate with steady precision and stability. The SCTWYCE•GT series of cages handles lay flats from 1050 mm to 3050 mm, offering an innovative design with solid construction and accurate control of the cage position throughout the operational process.

PRINCIPLE OF OPERATION

The secondary calibration basket manages one of the most important parts of the blown film process, which affects both film quality and profile tolerance.

SCTWYCE•GT keeps the bubble centred and calibrated along its vertical path, before the film enters the haul-off unit.



MAIN FEATURES

EASY INSTALLATION

SCTWYCE•GT can be easily installed on existing blown film extrusion lines, replacing the old calibration basket.

INTERCHANGEABLE GUIDES

The rollers are installed on interchangeable guides, allowing rollers with different coatings to be installed and adapted to the product being processed.

ROLLERS

SCTWYCE•GT is available with different types of coatings for the guide rollers. They are available in silicone, carbon fibre, optionally covered with wool sleeves, non-stick coatings and FDA approved.

LEVELS AND GEOMETRY

SCTWYCE•GT can be fitted with 2 to 3 rollers for each arm, depending on customer needs.

IBC INTEGRATION

SCTWYCE•GT is designed for integration with a SYIBC sensor. When supplied with a SYIBC sensor, the calibration basket is equipped with a bracket for the ultrasonic sensor and is designed for plug-and-play wiring.

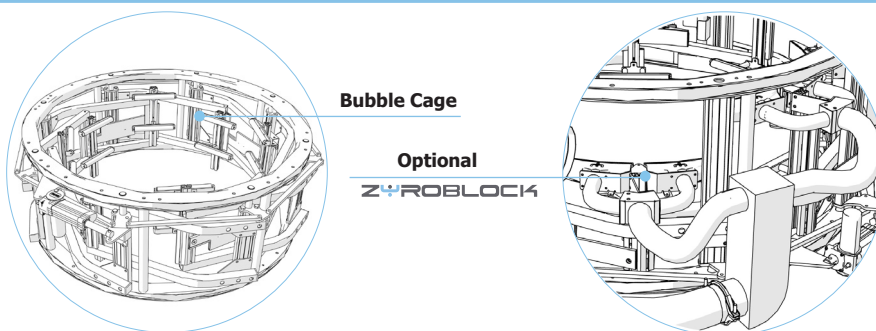
OPTIONS

SCTWYCE•GT is available in a configuration with Zyrobloc, the additional bubble cooling system that effectively reduces the film temperature by up to 15 °C if compared to the case without Zyrobloc. The system also ensures uniform cooling around the bubble because the air flows are not directed directly against the bubble, but envelop it entirely during its ascent. In addition, all bubble cages can have an open/closed control box, flat display, positioning system, sensor brackets and open/closed control cards.

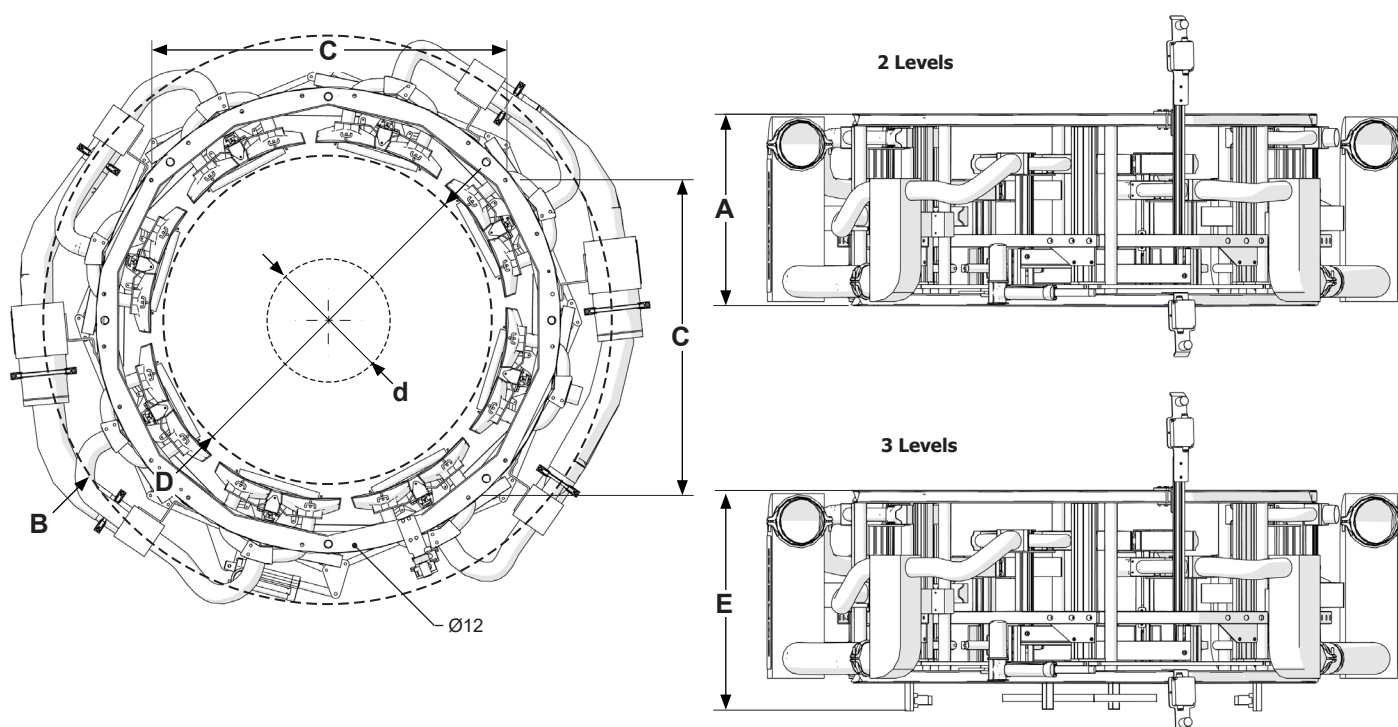
ADVANTAGES WITH ZYROBLOCK

- Blocking elimination.
- Reduction in the use of expensive anti-blocking additives.
- Increase in hourly production, up to +20%.
- Minimum space required for installation.
- Increased hourly production even with towers of limited height.
- IR sensors detect the temperature of the bubble at the inlet and outlet.

CONFIGURATIONS



TECHNICAL DATA



Model*		Ø Hot bubble		LayFlat		Dimension A (mm)	Dimension B (mm)	Dimension C (mm)	Dimension E (mm)	Weight*** (kg)
		Ø d min	Ø D max	LF min**	LF max**					
6 Arms	MK1000-6	140	690	220	1050	495	1400	735	595	130
	MK1200-6	200	800	310	1220	495	1400	735	595	140
	MK1400-6	223	953	350	1450	495	1590	884	595	150
8 Arms	MK1600-8	306	1045	480	1640	515	1680	940	625	210
	MK1850-8	338	1185	530	1860	515	1820	1039	625	220
	MK2050-8	375	1331	590	2090	515	1960	1138	625	230
	MK2350-8	414	1503	650	2360	515	2130	1259	625	240
	MK2550-8	446	1650	700	2780	515	2300	1376	625	250
	MK2750-8	490	1771	770	2780	515	2410	1148	625	260
	MK2950-8	522	1898	820	2980	515	2560	1563	625	270
	MK3000-8	529	1943	830	3050	515	2600	1584	625	280

* The dimensions refer to the bubble cage in standard configuration; the dimensions of the bubble cage in Zyrobloc or Zyrowax configuration will be provided on request.

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

*** The weight indicated refers to the 3-level version.