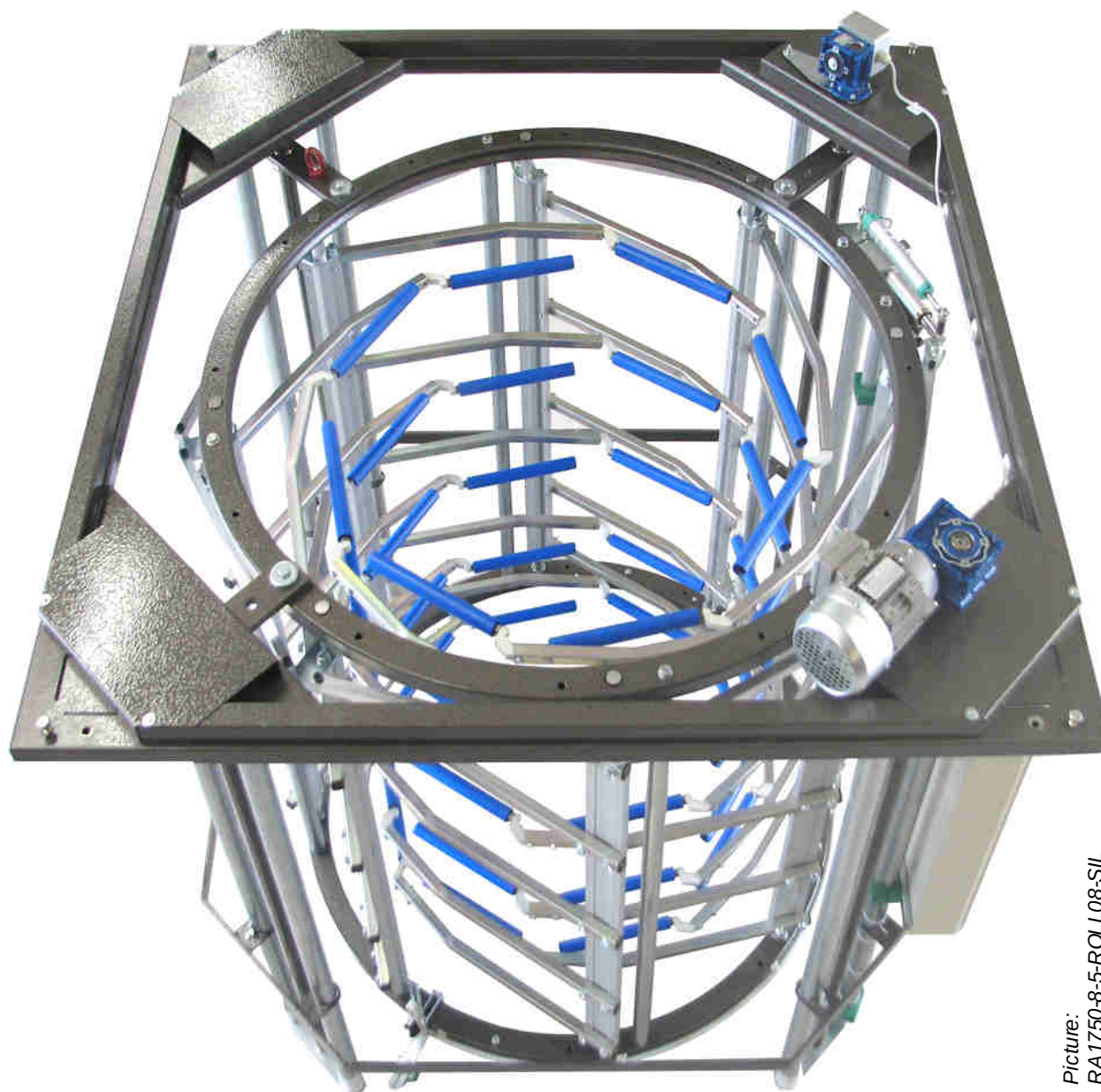


CALIBRATION BASKET FOR BLOWN FILM EXTRUSION EVOLUTION **ROLL08**

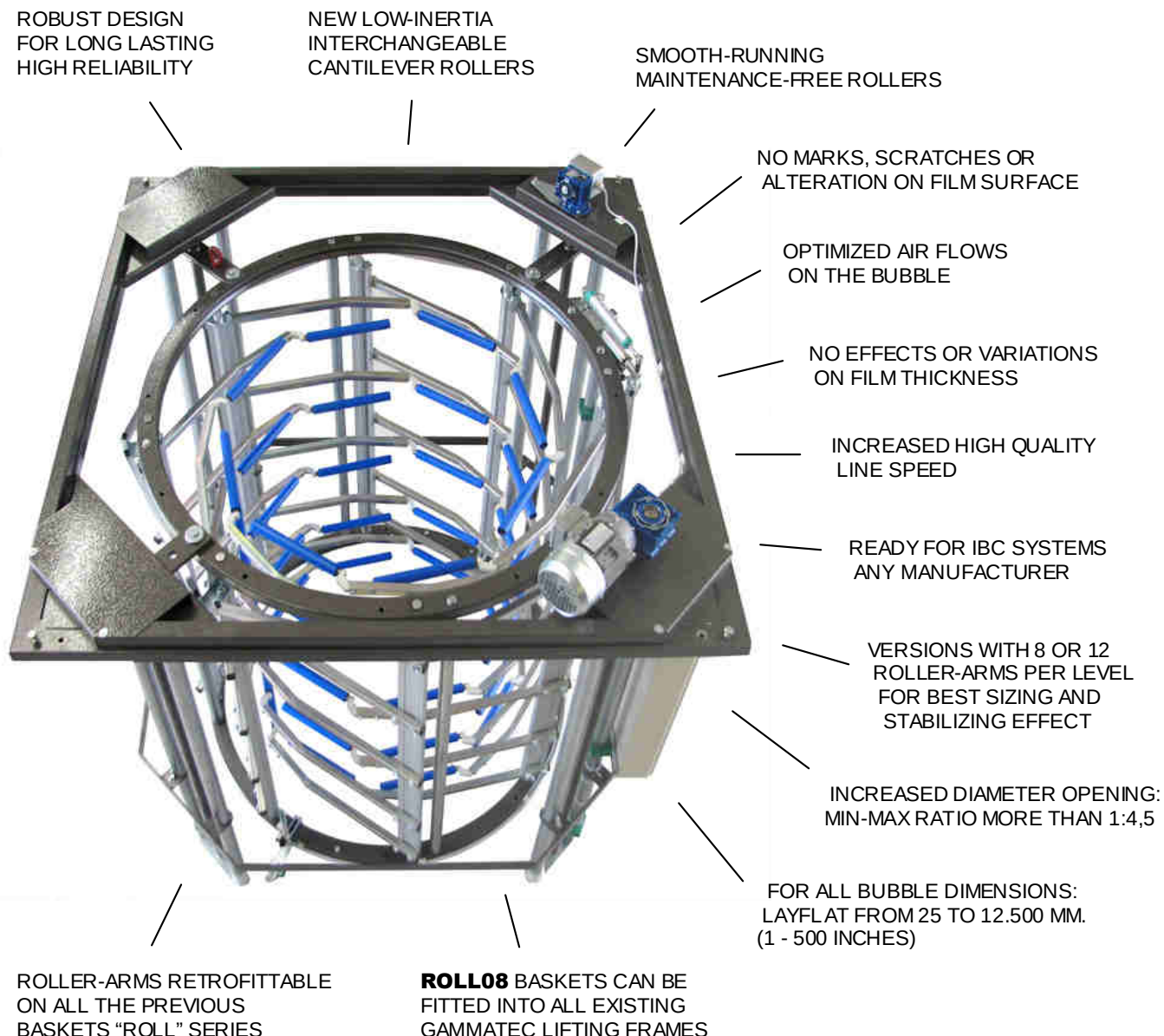
SIZES
600÷3080



Picture:
RA1750-8-5-ROLL08-SIL



TOP PERFORMANCES:



MAXIMUM FLEXIBILITY:

ARMS AND ROLLERS CAN BE EASILY
UPDATED FOR ANY NEED OF IMPROVEMENT
OF THE EXTRUSION LINE DURING THE YEARS

GUIDING ROLLERS AVAILABLE:



**INSULATING
WOOL SOCKETS:**

CODE **-W**



SILICONE:

CODE **-SIL** SOLID
CODE **-ESIL** FOAMED
CODE **-WSIL** WOOL+SIL



CARBON FIBER:

CODE **-CF**
CODE **-CFW** WITHWOOL
CODE **-CFNSP** EXTREME NO-STICK



SEGMENTED ROLLERS:

CODE **-P** PBT/TFE
CODE **-R** PTFE



OTHER SOLUTIONS:

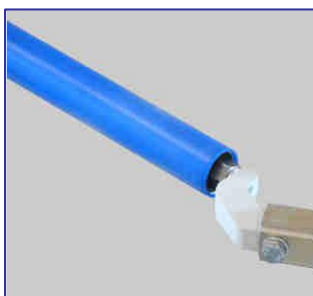
CODE **-ENS** ALU EXTREME NO-STICK
CODE **-PTFE** TEFLON COATED
OTHER SOLUTIONS UNDER TEST

EVOLUTION **ROLL08**

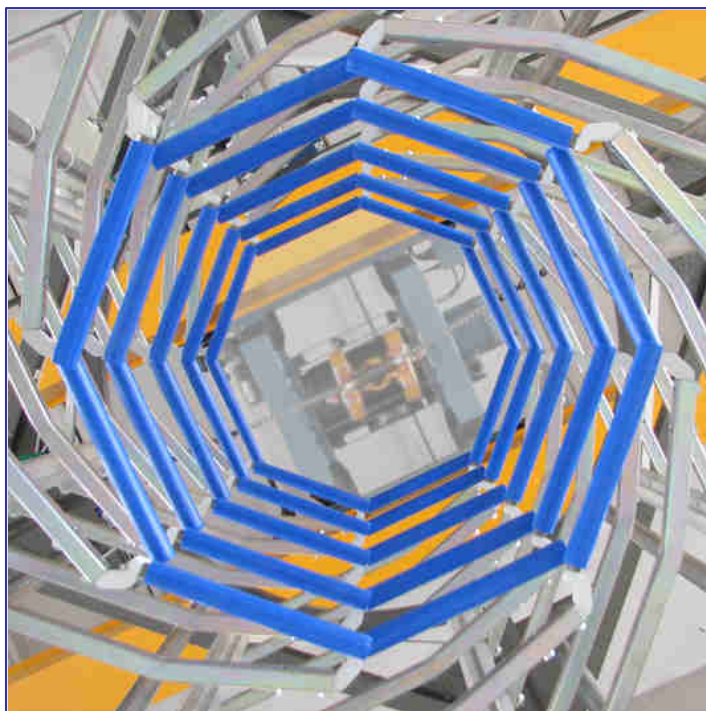


Basket size 2750-8-5-ROLL08-W

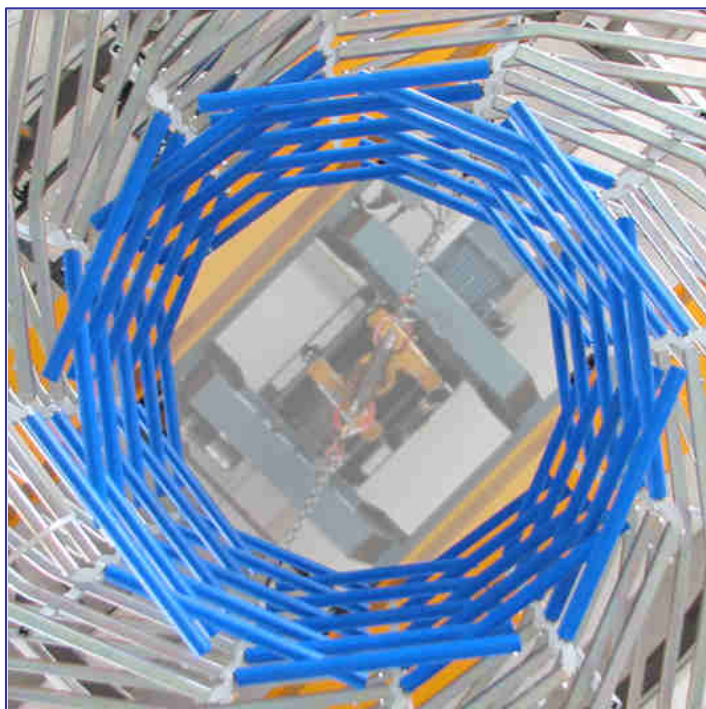
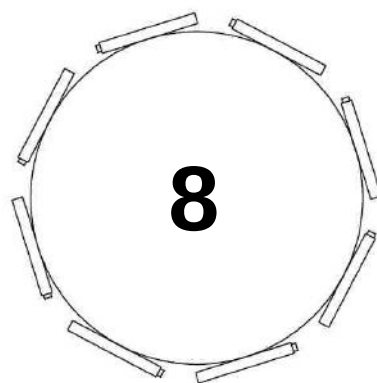
NEW LOW INERTIA INTERCHANGEABLE CANTILEVER ROLLERS



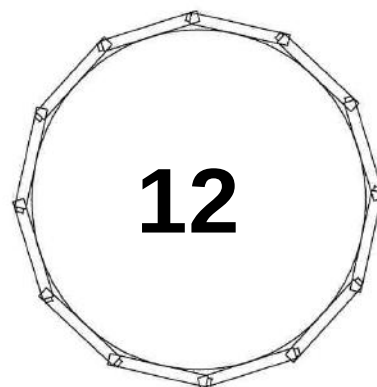
EVOLUTION **ROLL08**



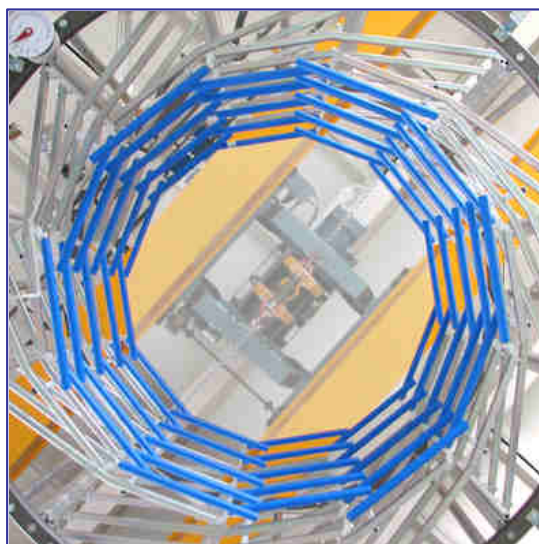
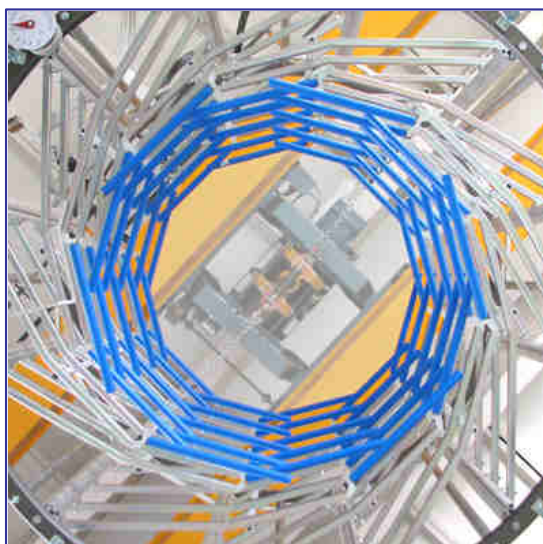
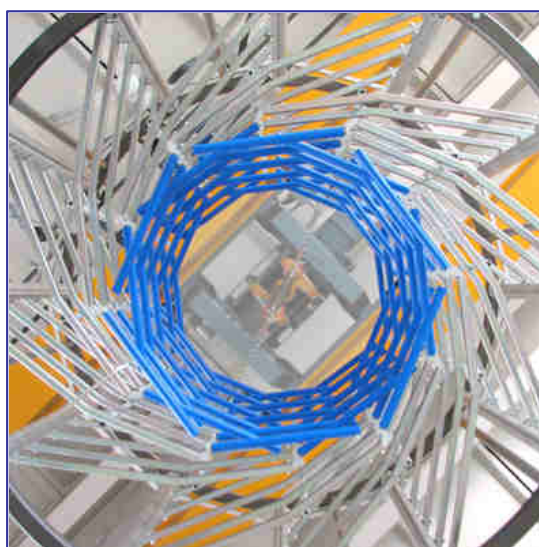
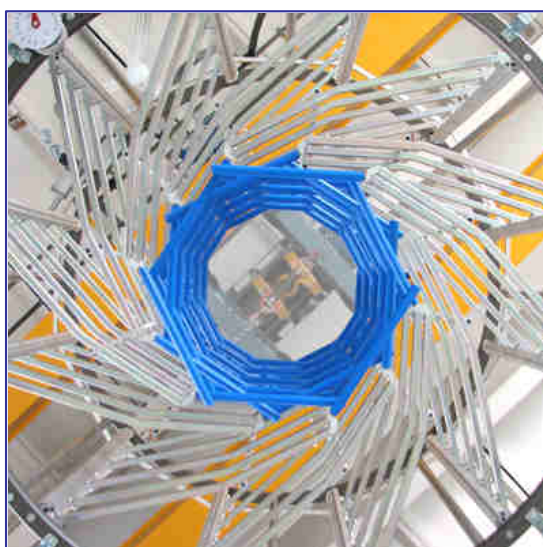
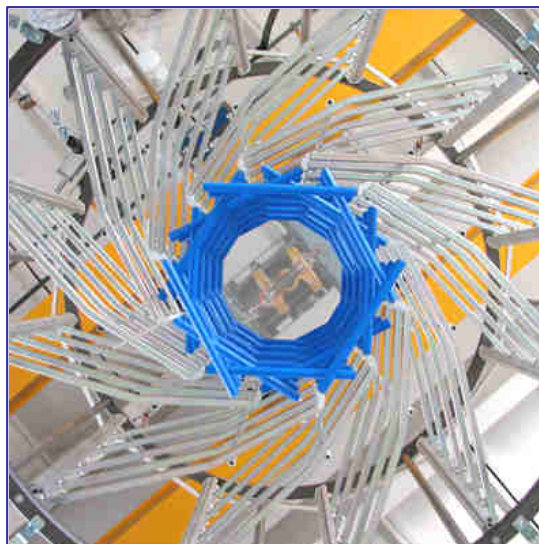
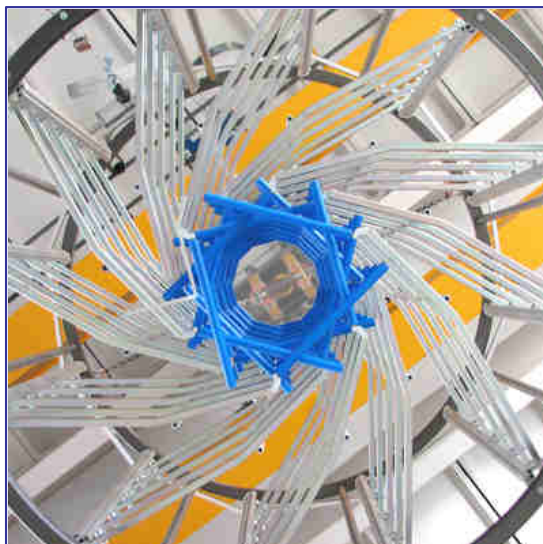
VERSION WITH
8 ROLLER-ARMS
PER LEVEL



VERSION WITH
12 ROLLER-ARMS
PER LEVEL



EVOLUTION **ROLL08**



VERSION **12 ROLLER-ARMS** PER LEVEL

EVOLUTION **ROLL08**



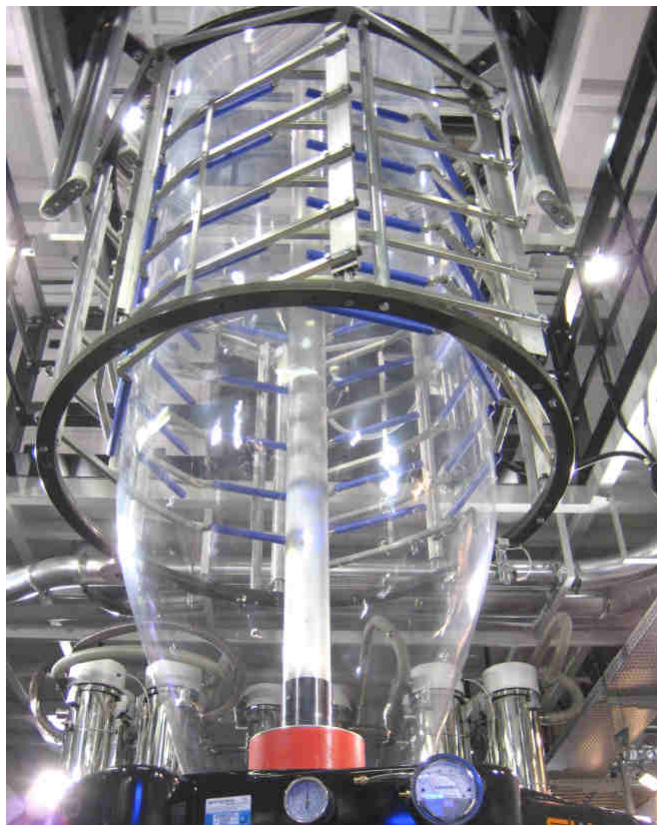
SPECIAL VERSION **16 ROLLER-ARMS** PER LEVEL

16 ARMS VERSION
FOR “**HIGH END**” APPLICATIONS

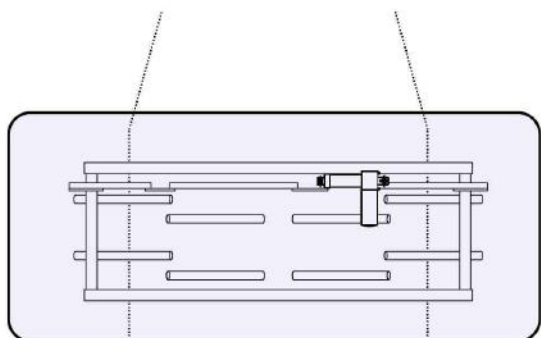


DO NOT COMPROMISE THE PERFORMANCES OF YOUR LINE
CHOOSE THE ORIGINAL **GAMMATEC** QUALITY AND RELIABILITY

EVOLUTION **ROLL08**

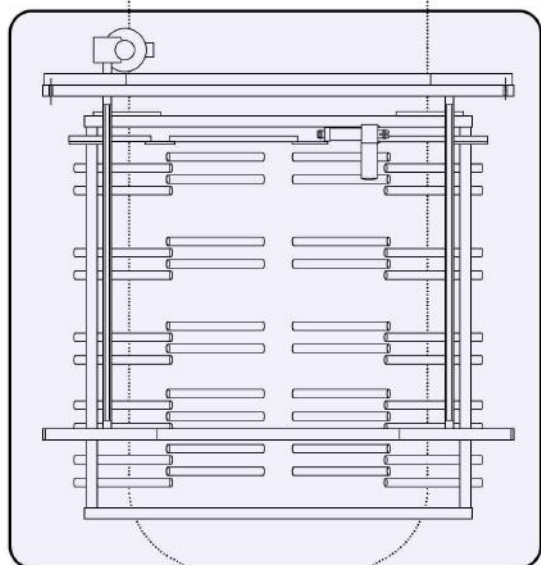


EVOLUTION **ROLL08**



SUPPORT BASKET

FM **4/8** ARMS **2/3** LEVELS



PRIMARY BASKET

RA **8/12** ARMS **3/4/5/6** LEVELS
FM **8/12** ARMS **3/4/5/6** LEVELS
RARC **8** ARMS **3/4/5/6** LEVELS



Models:

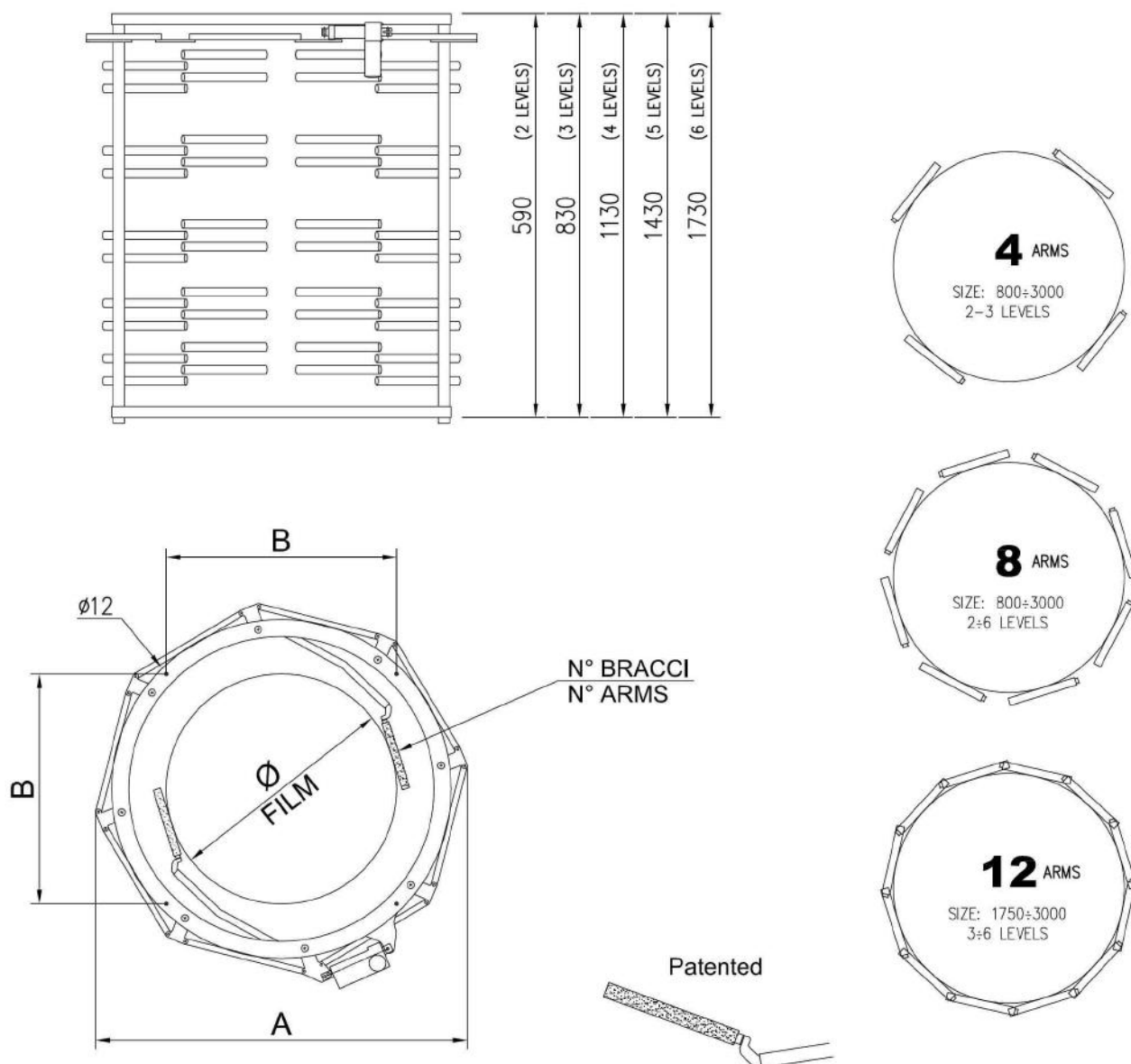
RA	BASKET WITH VERTICAL ADJUSTMENT
FM	BASKET WITHOUT VERTICAL ADJUSTMENT
RARC	360° OSCILLATING BASKET WITH VERTICAL ADJUSTMENT

ORDER CODE: **RA** **1750** - **8** - **5** - **ROLL08** - **W** + ... + ...
 Model Size Arms Levels Series Rollers Type Options

Patented

A hand is shown holding a long, rectangular object with a textured, possibly woven or knitted surface. The object is held horizontally. Above the object, the word "Patented" is written in a simple, sans-serif font.

MODEL **FM**



Dimensions for Ø FILM and LAYFLAT are calculated considering a **3% film shrinkage** during the cooling

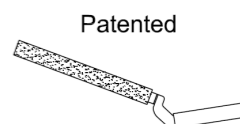
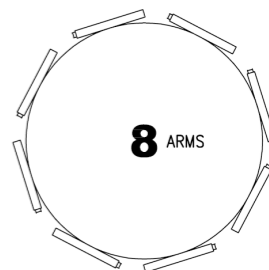
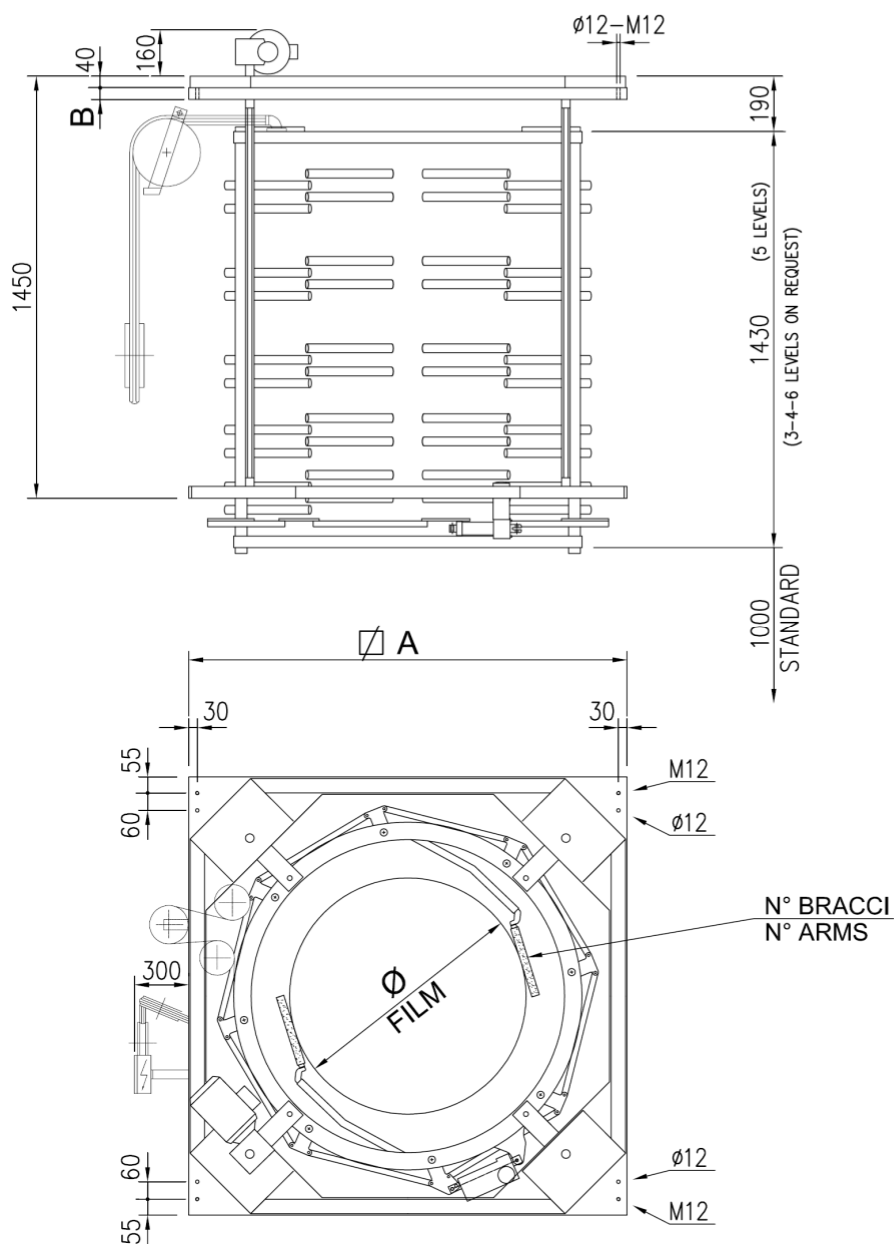
MODEL	Ø FILM MIN - MAX	LAYFLAT MIN - MAX	A	B	KG. (5 LEV.)
FM 600-*.ROLL08-*	10 ÷ 414	16 ÷ 650	780	437	120
FM 800-*.ROLL08-*	115 ÷ 519	180 ÷ 815	960	522	160
FM 1150-*.ROLL08-*	165 ÷ 741	260 ÷ 1165	1160	663	180
FM 1450-*.ROLL08-*	195 ÷ 945	310 ÷ 1485	1375	813	220
FM 1750-*.ROLL08-*	255 ÷ 1125	400 ÷ 1765	1560	940	240
FM 1950-*.ROLL08-*	275 ÷ 1251	430 ÷ 1965	1715	1039	260
FM 2150-*.ROLL08-*	300 ÷ 1378	470 ÷ 2165	1840	1138	280
FM 2350-*.ROLL08-*	330 ÷ 1518	520 ÷ 2385	1950	1259	300
FM 2550-*.ROLL08-*	370 ÷ 1661	580 ÷ 2610	2110	1376	320
FM 2750-*.ROLL08-*	400 ÷ 1776	630 ÷ 2790	2215	1446	340
FM 3000-*.ROLL08-*	440 ÷ 1929	690 ÷ 3030	2405	1563	380
FM 3080-*.ROLL08-*	440 ÷ 1980	690 ÷ 3110	2445	1584	390

Dimensions
already declassified
for film shrinkage

DWG: 10-12-170

No. Arms ↑ No. Levels ↑ Rollers Code

MODEL RARC



Dimensions for Ø FILM and LAYFLAT are calculated considering a **3% film shrinkage** during the cooling

MODEL	Ø FILM MIN - MAX	LAYFLAT MIN - MAX	A	B	KG. (5 LEV.)
RARC 1150-**-ROLL08-*	165 ÷ 741	260 ÷ 1165	1286	40	340
RARC 1450-**-ROLL08-*	195 ÷ 945	310 ÷ 1485	1510	40	390
RARC 1750-**-ROLL08-*	255 ÷ 1125	400 ÷ 1765	1675	40	420
RARC 1950-**-ROLL08-*	275 ÷ 1251	430 ÷ 1965	1815	40	450
RARC 2150-**-ROLL08-*	300 ÷ 1378	470 ÷ 2165	1958	50	490
RARC 2350-**-ROLL08-*	330 ÷ 1518	520 ÷ 2385	2126	50	520
RARC 2550-**-ROLL08-*	370 ÷ 1661	580 ÷ 2610	2294	50	550
RARC 2750-**-ROLL08-*	400 ÷ 1776	630 ÷ 2790	2294	50	580

No. Arms ↑ No. Levels ↑ Rollers Code

Dimensions
already declassified
for film shrinkage

DWG: 10-12-172

STANDARD OPTIONS

OTHER SPECIAL OPTIONS ON REQUEST

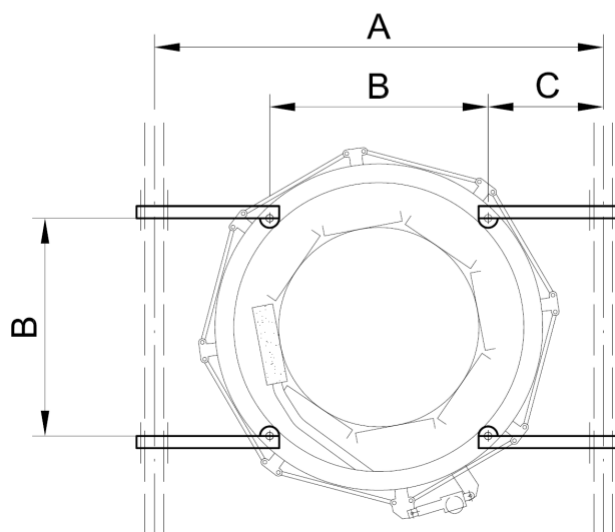
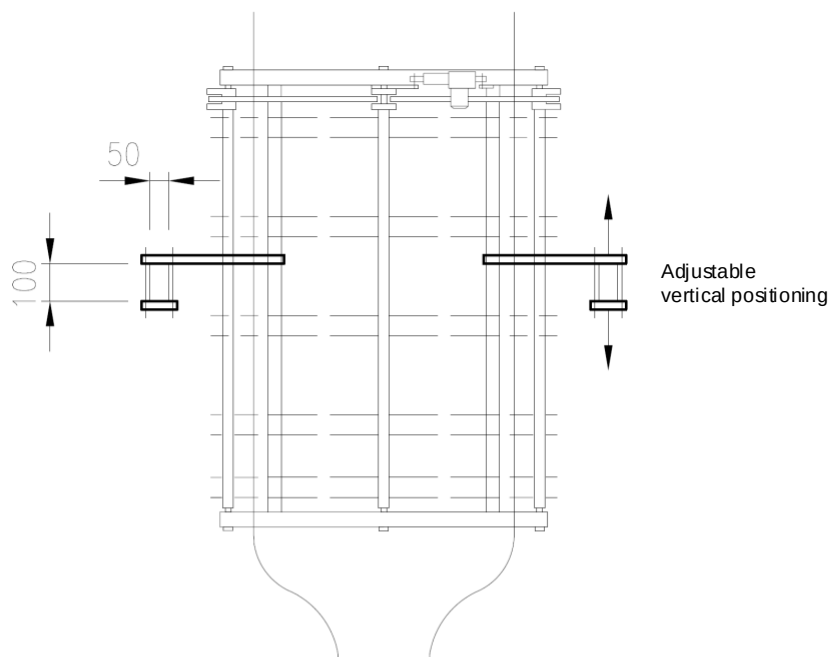
CODE	DESCRIPTION
+S	No. 4 adjustable mounting brackets (only FM models)
	SUPPORTS FOR IBC / LAYFLAT SENSORS
+TP	Tracer arm for pneumatic system (not available on size 600 and 800)
+TU1	Bracket for 1 IBC sensor positioned on arm
+TU2	Brackets for 2 IBC sensors positioned on arms
+TU3	Brackets for 3 IBC sensors positioned on arms
+TU4	Brackets for 4 IBC sensors positioned on arms
+TUF3	Brackets for 3 IBC sensors positioned fixed on lower ring
+TUF4	Brackets for 3 IBC sensors positioned fixed on lower ring
+SDF2	Holders for 2 Layflat sensors positioned on top frame
+SDF3	Holders for 3 Layflat sensors positioned on top frame
+SDF4	Holders for 4 Layflat sensors positioned on top frame
	AXIAL ADJUSTMENT (only RA and RARC models)
+SAM	X-Y manual axial adjustment
+SA	X-Y motorized axial adjustment
	ELECTRICAL PARTS
+QFM	Electrical board with commands for "Open-Close" (FM models)
+QRA	Electrical board with commands "Open-Close" and "Up-Down" (RA and RARC models)
+REG	Speed regulation card for "Open-Close" motor
+PAC	Potentiometer (5 - 10 kΩ) on Diameter adjustment
+PRA	Potentiometer (5 - 10 kΩ) on Vertical adjustment
+PXY	Potentiometers (5 kΩ) on "X-Y" adjustment
	VERTICAL ADJUSTMENT (standard 1000 mm)
+H500	Stroke 500 mm
+H750	Stroke 750 mm
+H1250	Stroke 1250 mm
+H1500	Stroke 1500 mm
+H1800	Stroke 1800 mm <i>(for shipment in standard container - not high cube)</i>
+H1900	Stroke 1900 mm
+H2400	Stroke 2400 mm <i>(a special "L style" packing is suggested for laid shipment)</i>
	REPLACING COVERS FOR ROLLERS
+RW	Wool felt insulating sleeve. Supplied in rolls of 20 mt each
...	Please enquire for the other types available
	SPECIAL PREPARATIONS
+HP	"High Precision" package for enhanced basket strength and precision. Layflat control 0,5 mm
+CL	"Certified Lifting" system with safety device for additional weights. Up to 500 kg of lifting capacity
+EXTR	"Air Extraction" system to keep the line free from extrusion fumes and contaminations

OPTION

+ S

**ADJUSTABLE
MOUNTING BRACKETS**

Only on FM models without vertical adj.



DIMENSIONS (mm)	BASKET SIZE	A	B	C
	FM 800	1010	522	244
	FM 1150	1210	663	273.5
	FM 1450	1422	813	304.5
	FM 1750	1602	940	331
	FM 1950	1742	1039	351.5
	FM 2150	1882	1138	372
	FM 2350	2055	1259	398
	FM 2550	2218	1376	421
	FM 2750	2320	1446	874
	FM 3000	2520	1563	437
	FM 3080	2542	1584	437

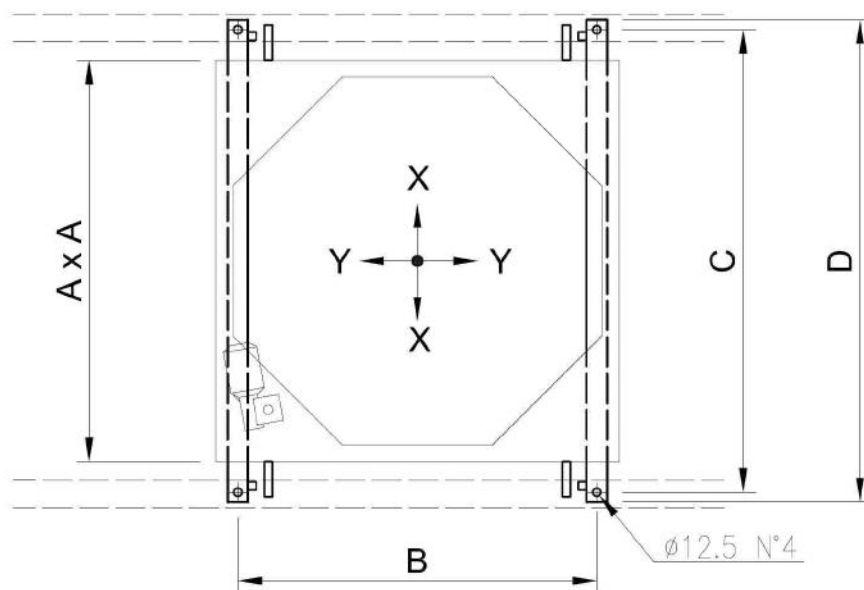
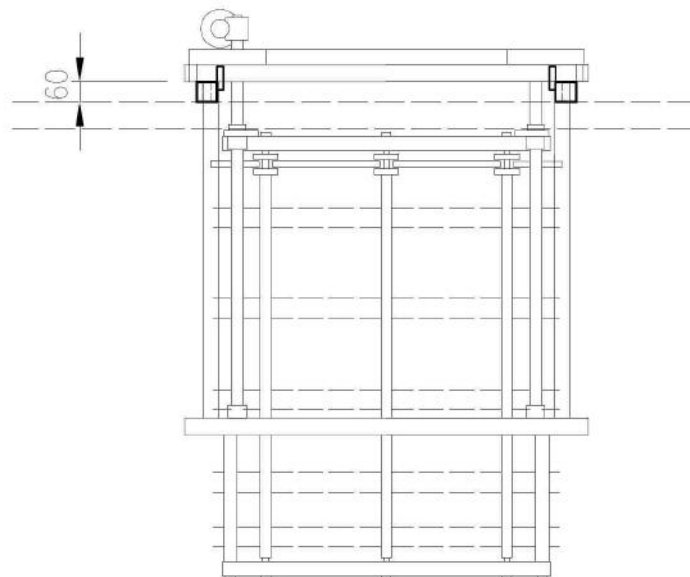
DWG: 10-12-131

OPTION

+ SAM

**X-Y MANUAL AXIAL
ADJUSTMENT**

Only RA and RARC models



DIMENSIONS (mm)	BASKET SIZE	A	B	C	D	X-Y
	800	1088	994	1264	1304	20
	1150	1286	1192	1462	1502	20
	1450	1510	1416	1686	1726	30
	1750	1675	1581	1851	1891	35
	1950	1815	1721	1991	2031	35
	2150	1958	1864	2134	2174	35
	2350	2126	2032	2302	2342	35
	2550	2294	2200	2470	2510	35
	2750	2294	2200	2470	2510	35
	3000	2294	2200	2470	2510	35
	3080	2294	2200	2470	2510	35

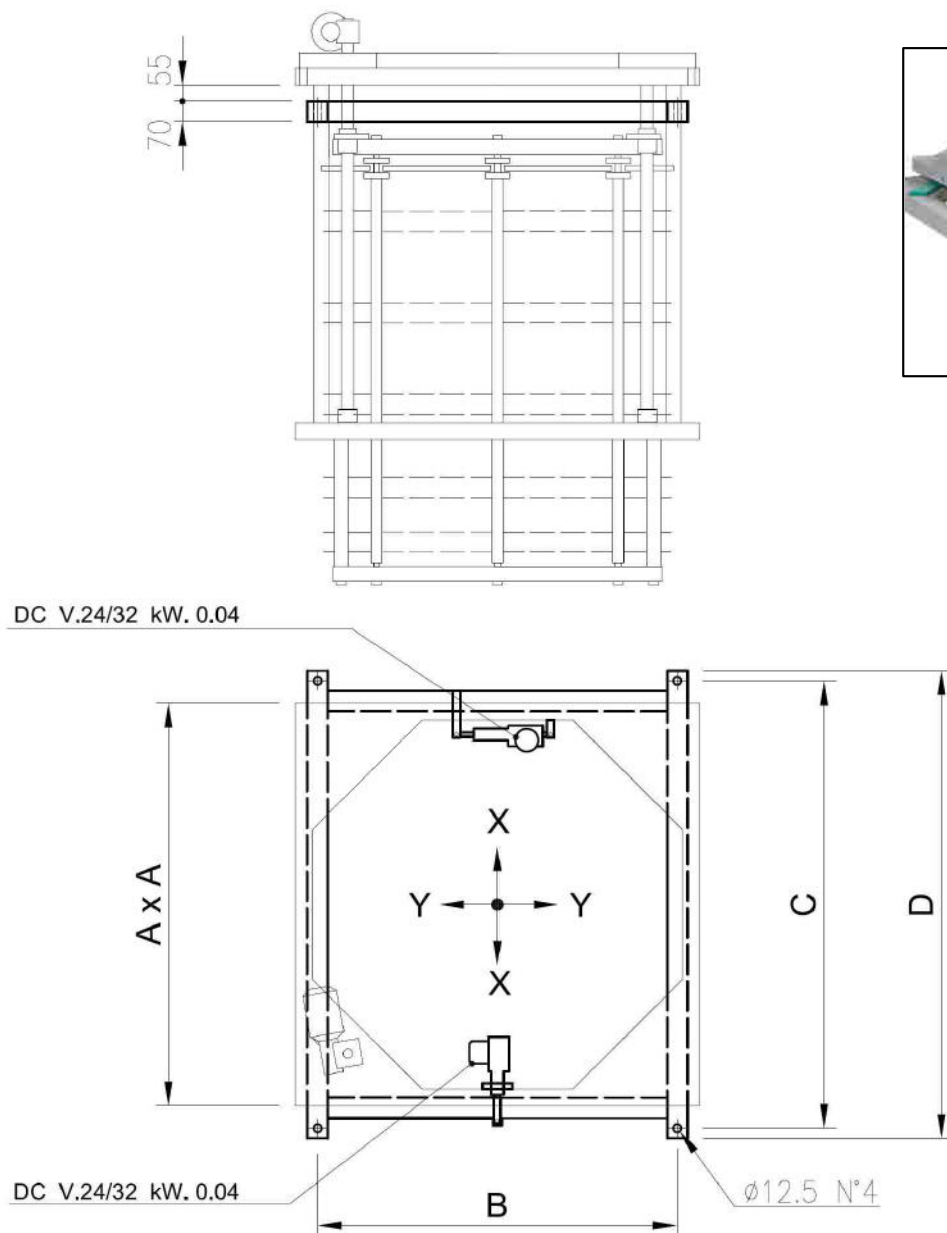
DWG: 10-12-118

OPTION

+ SA

**X-Y MOTORIZED AXIAL
ADJUSTMENT**

Only RA and RARC models



DIMENSIONS (mm)	BASKET SIZE	A	B	C	D	X-Y
	800	1088	1000	1350	1400	30
	1150	1286	1200	1500	1550	30
	1450	1510	1430	1780	1830	50
	1750	1675	1600	1980	2030	50
	1950	1815	1740	2100	2150	50
	2150	1958	1880	2250	2300	50
	2350	2126	2050	2450	2500	50
	2550	2294	2200	2600	2650	50
	2750	2294	2200	2600	2650	50
	3000	2294	2230	2600	2650	50

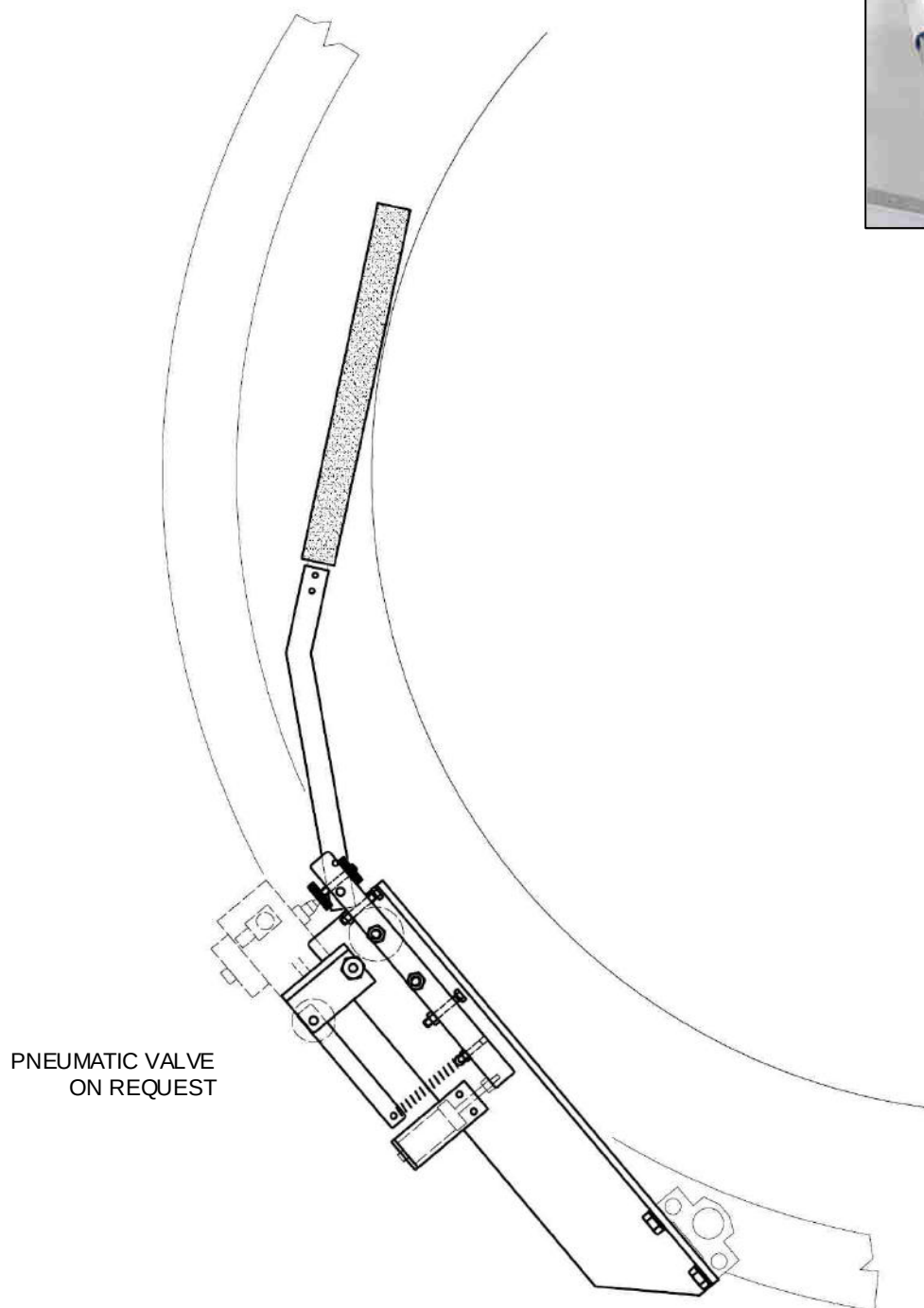
DWG: 10-12-115

OPTION

+ TP

**TRACER ARM FOR
PNEUMATIC SYSTEM**

Not available on size 800



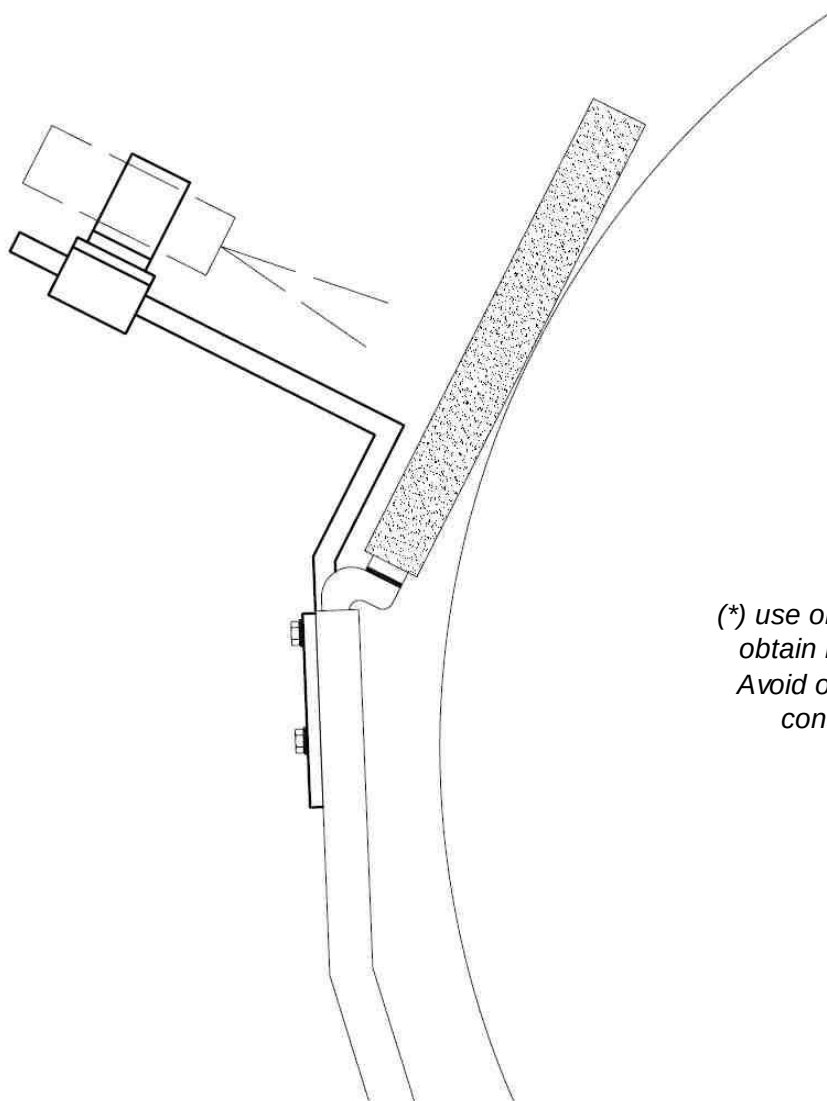
OPTION

+ TU...

**BRACKET FOR SENSOR
POSITIONED ON ARM***

+ TUF...

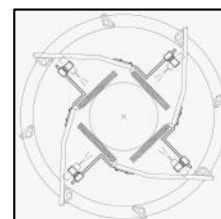
**HOLDERS FOR SENSOR
FIXED AT BASKET FRAME**



() use original GAMMATEC brackets only to obtain reliable results from the IBC system. Avoid other solutions that cannot be able to consider our geometry and movements.*



**SEVERAL VERSIONS AVAILABLE ACCORDING
SENSOR TYPE**



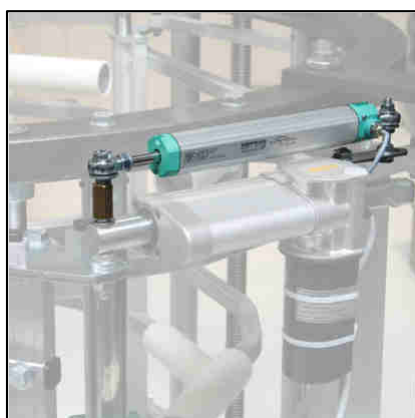
OPTION

+ PAC

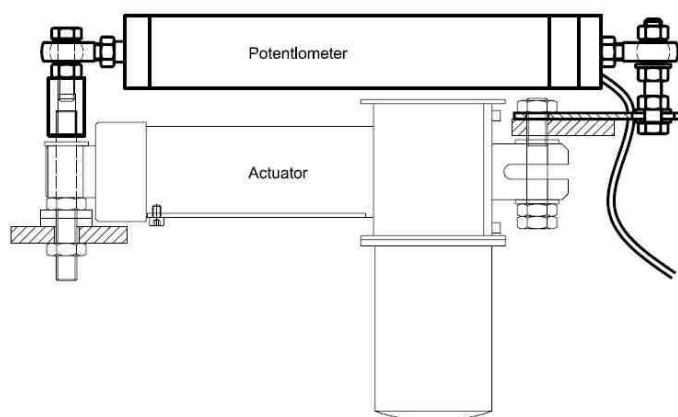
**POTENTIOMETER ON
DIAMETER ADJUSTMENT**

+ PRA

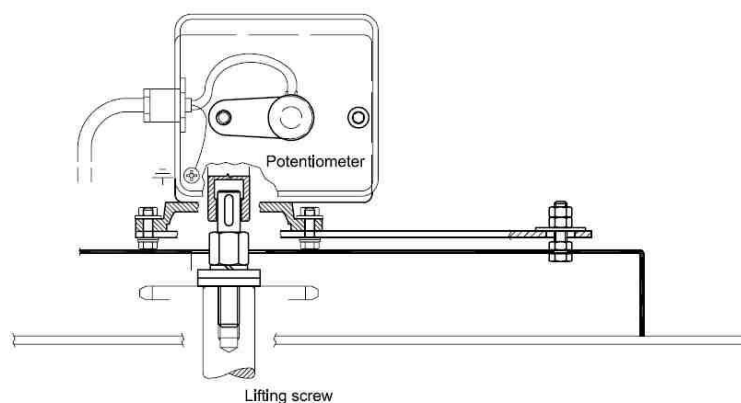
**POTENTIOMETER ON
VERTICAL ADJUSTMENT**



+PAC



+PRA



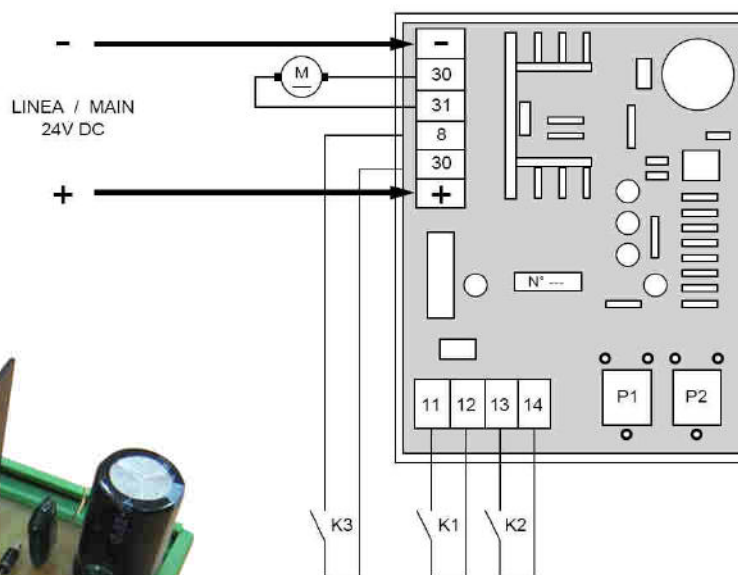
FEATURES	
Resistance	5 - 10 kΩ
Tropicalization	optional

*Same model is also used for option +PXY
(potentiometers on X-Y motors)*

OPTION

+ REG

**SPEED REGULATION CARD
ON OPEN-CLOSE MOTOR**



GAMMATEC proprietary module for a very careful setup of the diameter regulation speed, without motor power loss.

+REG module is useful for all extrusion lines and it has become a must have for IBC controls, where a adjustable slow speed is required.

Two adjustable speeds available.

To be installed into GAMMATEC control boards or in your existing electrical board.

TECHNICAL DATA	
Line	24 V DC
Maximum current	2,5 A
Motor Speed regulation	0 - max.
No. speeds available	2
Tropicalization	on request

OPTION

+ HP

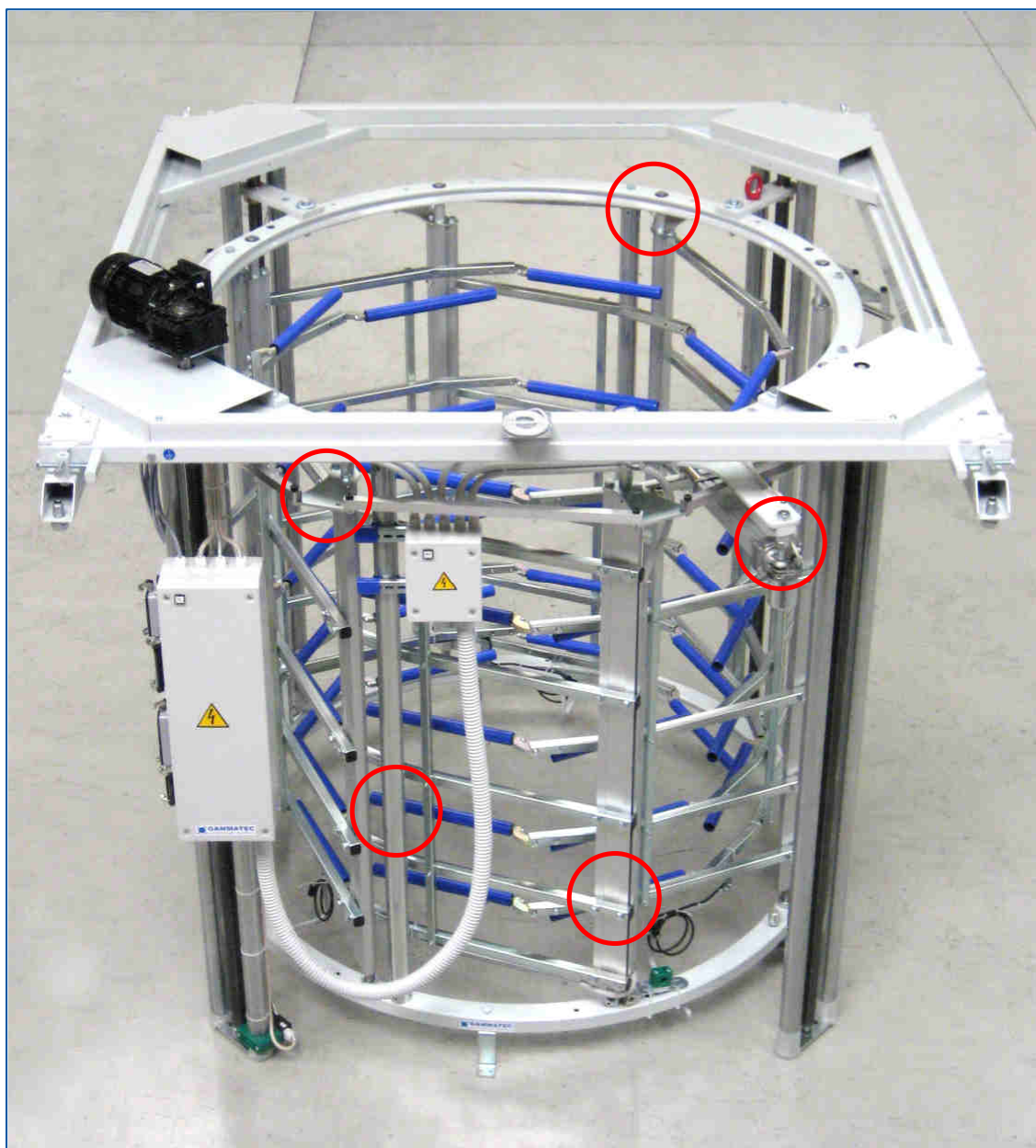
“HIGH PRECISION” PACKAGE

The “High Precision” Package includes several advanced improvements and establishes a new standard of performance in bubble guiding and calibration.

- Extreme system rigidity
- Absence of backlashes
- Precise and fluid movements
- Accuracy in diameter regulation : 0.2 mm
- High Definition position feedback



Layflat Control: 0.5 mm



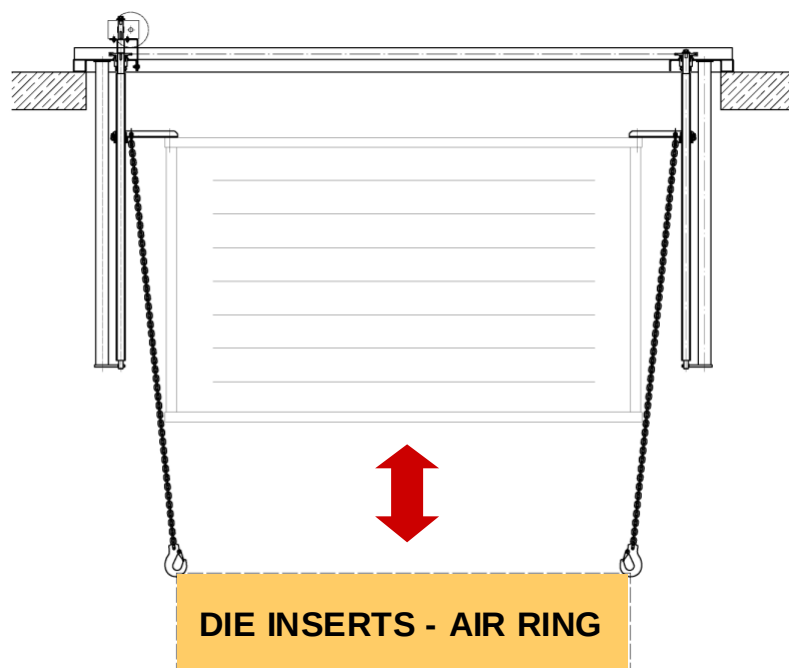
Available on all ROLL08 calibration baskets up to size 3080
(to be ordered before construction)

OPTION

+ CL

**“CERTIFIED LIFTING”
PACKAGE**

The **“Certified Lifting” Package** allows using the basket as a real crane to lift components off the die for maintenance activities or die set up. It is **CE certified** according to the specific directives of lifting equipments and includes overload safety device, lifting chains and terminal hooks with safety latch for a comfortable and safe operation.



+CL1

**MAX
350
KG**

+CL2

**MAX
450
KG**

+CL3

**MAX
500
KG**

CE

GR. FEM: **A1-M1**

Certification according to:

UNI EN ISO 12100-1 : 2005
UNI EN ISO 12100-2 : 2005
UNI EN ISO 13857-1 : 2008
UNI EN ISO 13849-1 : 2007
UNI EN ISO 13850 : 2008
UNI EN 953 : 2009
UNI EN 1088 : 2008
CEI EN 60204-1
IEC - 34 - 5
FEM 1001 - 3rd Edit.
FEM 9761
FEM 9941
FEM 9755



**Available on all ROLL08 calibration baskets up to size 3080
(to be ordered before construction)**

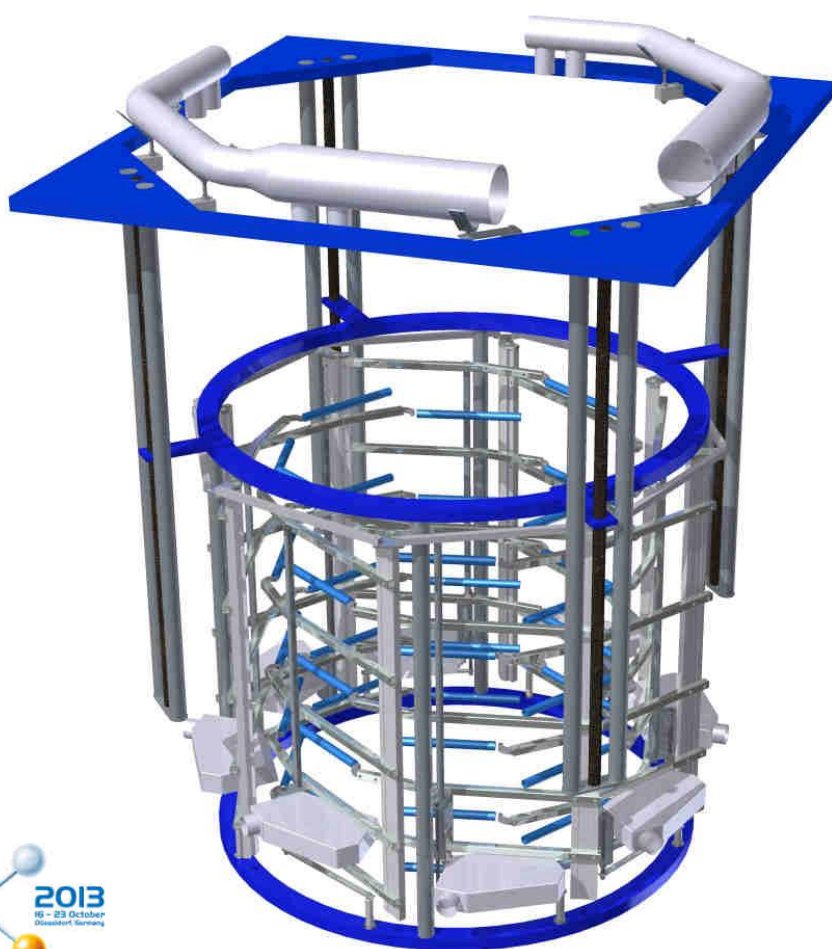
OPTION

+ EXTR

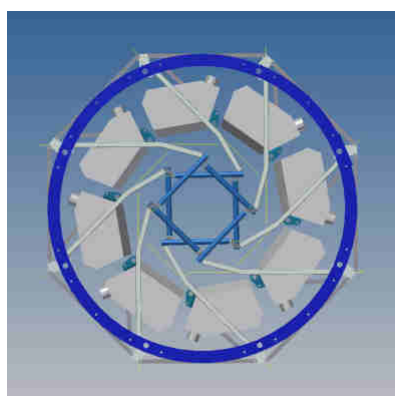
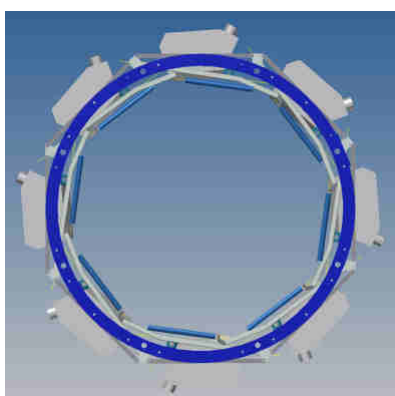
AIR EXTRACTION SYSTEM

The “EXTR” Package is a specific suction system (Patent Pending) with exhausting elements integrated into the basket. It helps maintaining the equipments of the line free from extrusion fumes and contamination and keeps the workspace around the bubble clean and healthy.

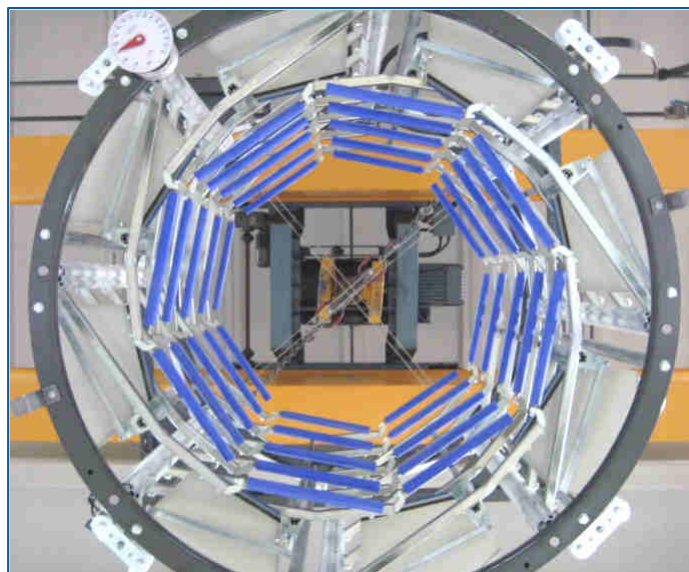
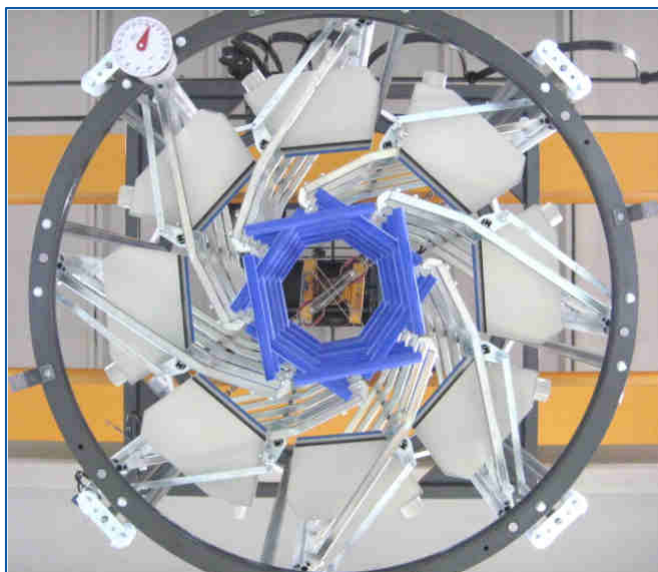
It comes complete with self-positioning suction hoods, exhausting fan, tubing, ducting and electrical cabinet with frequency converter for power modulation. Developed in partnership with a leader in antipollution systems, it can also be added on existing baskets.



Frequency converter
for power modulation



**PATENT
PENDING**

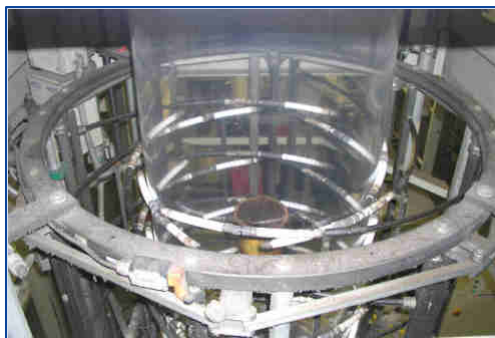


Standard supply complete unit

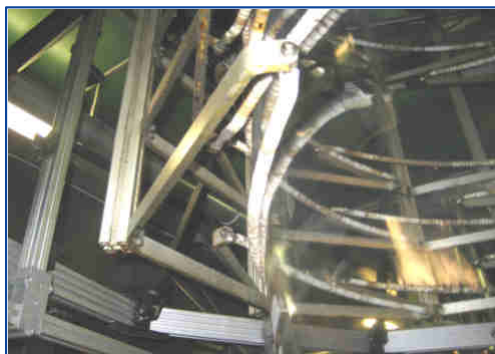
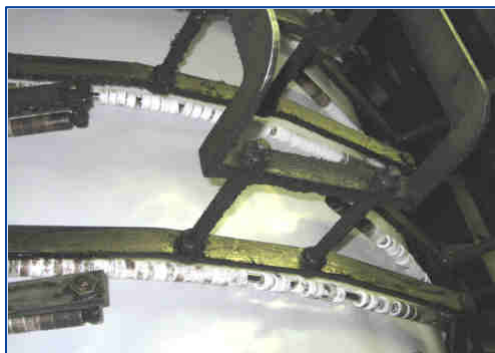
**CUSTOMIZED DUCTING LAYOUT ON REQUEST TO MEET THE
PREFERRED INTEGRATION ON THE LINE**

RETROFIT INTO **ROLL08** SYSTEM

GAMMATEC



W&H, REINHOLD AND ANY SCISSOR TYPE



DECATEX



CUSTOM SOLUTIONS FOR ANY REQUEST



BUBBLE HOUSING WITH VERTICAL ADJUSTMENT



NOTES:



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