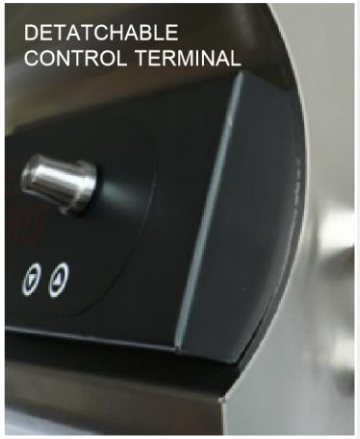
Blue Air
SYSTEMS

RDX

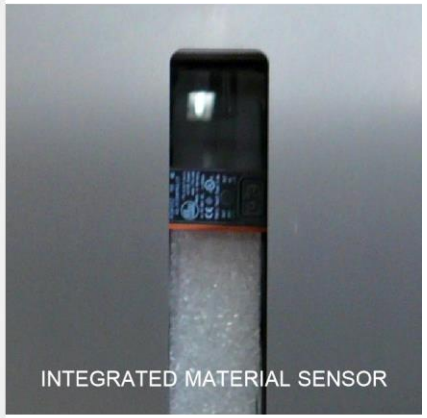
MODULAR
DRYING SYSTEM
WITH COMPRESSED AIR TECHNOLOGY
FOR PLASTIC RESINS

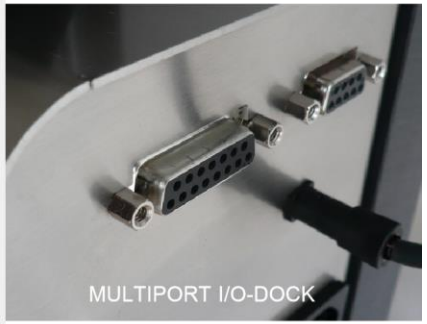


THE RDX SYSTEM:

PERFECT MODULARITY...

....WHICH DOES NOT ONLY LOOK GREAT BUT AS WELL
MAKES PERFECT SENSE FOR EVERYDAY USE !





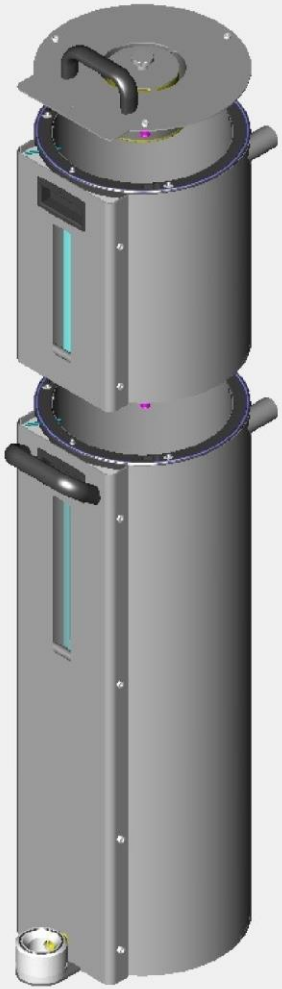
4 MAIN COMPONENTS, 1 SYSTEM :

HOPPER COVER

Available in various versions like with a dust filter unit and new fully integrated material feed system, flange for external conveying unit or exhaust hose for clean room applications. Removable quickly and easily by one hand due to the new quick connector system for example in case of required offline cleaning etc.

AIR SUPPLY MODULE

A real „multitalent“ with lots of convenient features such as swivelable and detatchable control terminal, large area display which remains readable from distances up to 12 meters and Multiport I/O-Dock providing simple and easy link with your equipment. Required process air is generated microcomputer controlled and adjustable by our new geniously simple, intuitive JOYSTICK control. The unit works seamlessly with all vailable hopper sizes and configurations for maximum flexibility. Quick and safe connection to the hopper by the new bottom central process air coupling.



EXTENDER-RING

Unique fast and flexible hopper size adjustment by insertion of optionally available extender rings which can be taken in or out within seconds thanks to the quick connector ring system.

RESIN HOPPER

All hoppers are made in stainless steel and feature high efficiency isolation and an new thermal separation between inner and outer surface. Together with the opionally available, fully integrated material feed system the unit becomes a unique compact total solution. The integrated ring nozzle system provides perfectly even process air distribution within the hopper and easy cleaning of the inner hopper suface avoiding obstructing blow pipes etc.

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SPECIFICATIONS OF THE RDX SYSTEM:

TECHNICAL SPECIFICATIONS

COMPRESSED AIR DRIERS RDX LINE

		RDX 005	RDX 02	RDX 07	RDX 12	RDX 27	RDX 42	RDX 62
Hopper capacity nominal	Litres	0,5	2	7	12	27	42	62
Hopper capacity maximum	Litres	0,54	2,10	7,03	12,08	27,21	42,15	62,21
Adjustable material content	Litres	0,5	0,5-2	3,5-7	6-12	17-27	27-42	47-62
Air consumption maximum	Nm3/h	0,5	0,75	2,95	4,55	8,62	13,45	19,78
Required air pressure recommended	Bar	6	6	6	6	6	6	6
Required electrical capacity	Watts	750	750	1150	1150	1150	1150	1150
Total height including integrated material feed	mm	-	350	680	680	885	885	1150
Total height with external feed system (without feeder)	mm	-	350	630	630	835	835	1100
Widh	mm	-	230	230	230	280	350	350
Depth	mm	-	337	337	387	437	507	507

DRYING CPACITY

Material type	Dryingtime Hours	Temperature DegC	Residual MST %	Capacity in Kg/h based on average bulk density of 0,7 kg/Litre						
				RDX 005	RDX 02	RDX 07	RDX 12	RDX 27	RDX 42	RDX 62
ABS	2-3	80	0,050	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CA	2-3	80	0,010	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CAB	2-3	75	0,010	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CP	2-3	75	0,010	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PA66	4	80	0,020	0,09	0,36	1,26	2,15	4,84	7,50	11,02
PA11/12	4-5	80-120	0,020	0,07	0,29	1,00	1,71	3,85	5,96	8,77
PA6	3-5	75	0,020	0,09	0,36	1,26	2,15	4,84	7,50	11,02
PBTP	3	140	0,015	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PC	2-3	120	0,010	0,14	0,58	2,02	3,45	7,76	12,03	17,69
PE	2-3	85	0,050	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PES	3	150	0,020	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PETP	4-6	180	0,002	0,09	0,36	1,27	2,18	4,91	7,60	11,18
PI	3	120	0,050	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PMMA	3	80	0,020	0,11	0,44	1,53	2,62	5,90	9,14	13,43
POM	3	100	0,050	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PP	2	90	0,050	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PPS	2-3	150	0,020	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PS	1-2	80	0,020	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PSU	2	120	0,020	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PUR	3	90	0,010	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PVC	1	70	0,100	0,32	1,29	4,50	7,70	17,33	26,85	39,48
SAN	2-3	80	0,050	0,13	0,51	1,77	3,03	6,82	10,57	15,53
SB	2	80	0,020	0,16	0,62	2,18	3,73	8,39	13,01	19,12