



RDX

**MODULAR
DRYING SYSTEM
WITH COMPRESSED AIR TECHNOLOGY
FOR PLASTIC RESINS**

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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 detachable 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 available 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 optionally 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 surface avoiding obstructing blow pipes etc.



SWIVELABLE
AND



DETACHABLE
CONTROL TERMINAL



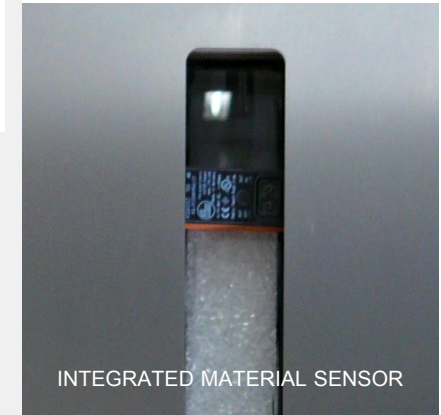
LARGE AREA DISPLAY



BOTTOM CENTRAL
PROCESS AIR COUPLING



QUICK CONNECTOR RING



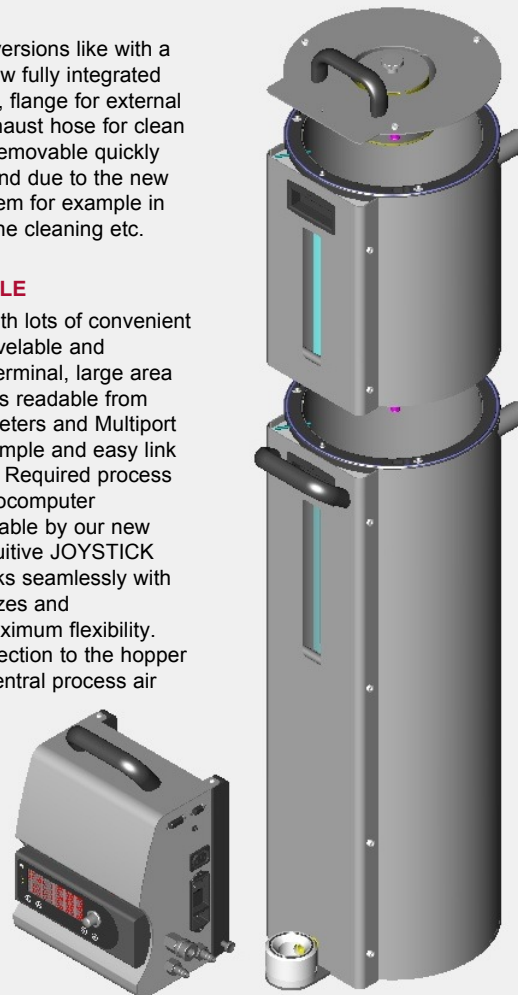
INTEGRATED MATERIAL SENSOR



MULTIPORT I/O-DOCK



RING NOZZLE SYSTEM



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SPECIFICATIONS OF THE RDX SYSTEM:



TECHNICAL SPECIFICATIONS

COMPRESSED AIR DRIERS RDX LINE

Hopper capacity nominal	Litres
Hopper capacity maximum	Litres
Adjustable material content	Litres
Air consumption maximum	Nm3/h
Required air pressure recommended	Bar
Required electrical capacity	Watts
Total height including integrated material feed	mm
Total height with external feed system (without feeder)	mm
Width	mm
Depth	mm

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

DRYING CAPACITY

Material type	Dryingtime Hours	Temperature DegC	Residual MST %
ABS	2-3	80	0,050
CA	2-3	80	0,010
CAB	2-3	75	0,010
CP	2-3	75	0,010
PA66	4	80	0,020
PA11/12	4-5	80-120	0,020
PA6	3-5	75	0,020
PBTP	3	140	0,015
PC	2-3	120	0,010
PE	2-3	85	0,050
PES	3	150	0,020
PETP	4-6	180	0,002
PI	3	120	0,050
PMMA	3	80	0,020
POM	3	100	0,050
PP	2	90	0,050
PPS	2-3	150	0,020
PS	1-2	80	0,020
PSU	2	120	0,020
PUR	3	90	0,010
PVC	1	70	0,100
SAN	2-3	80	0,050
SB	2	80	0,020

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	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CA	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CAB	0,11	0,44	1,53	2,62	5,90	9,14	13,43
CP	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PA66	0,09	0,36	1,26	2,15	4,84	7,50	11,02
PA11/12	0,07	0,29	1,00	1,71	3,85	5,96	8,77
PA6	0,09	0,36	1,26	2,15	4,84	7,50	11,02
PBTP	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PC	0,14	0,58	2,02	3,45	7,76	12,03	17,69
PE	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PES	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PETP	0,09	0,36	1,27	2,18	4,91	7,60	11,18
PI	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PMMA	0,11	0,44	1,53	2,62	5,90	9,14	13,43
POM	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PP	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PPS	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PS	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PSU	0,16	0,62	2,18	3,73	8,39	13,01	19,12
PUR	0,11	0,44	1,53	2,62	5,90	9,14	13,43
PVC	0,32	1,29	4,50	7,70	17,33	26,85	39,48
SAN	0,13	0,51	1,77	3,03	6,82	10,57	15,53
SB	0,16	0,62	2,18	3,73	8,39	13,01	19,12