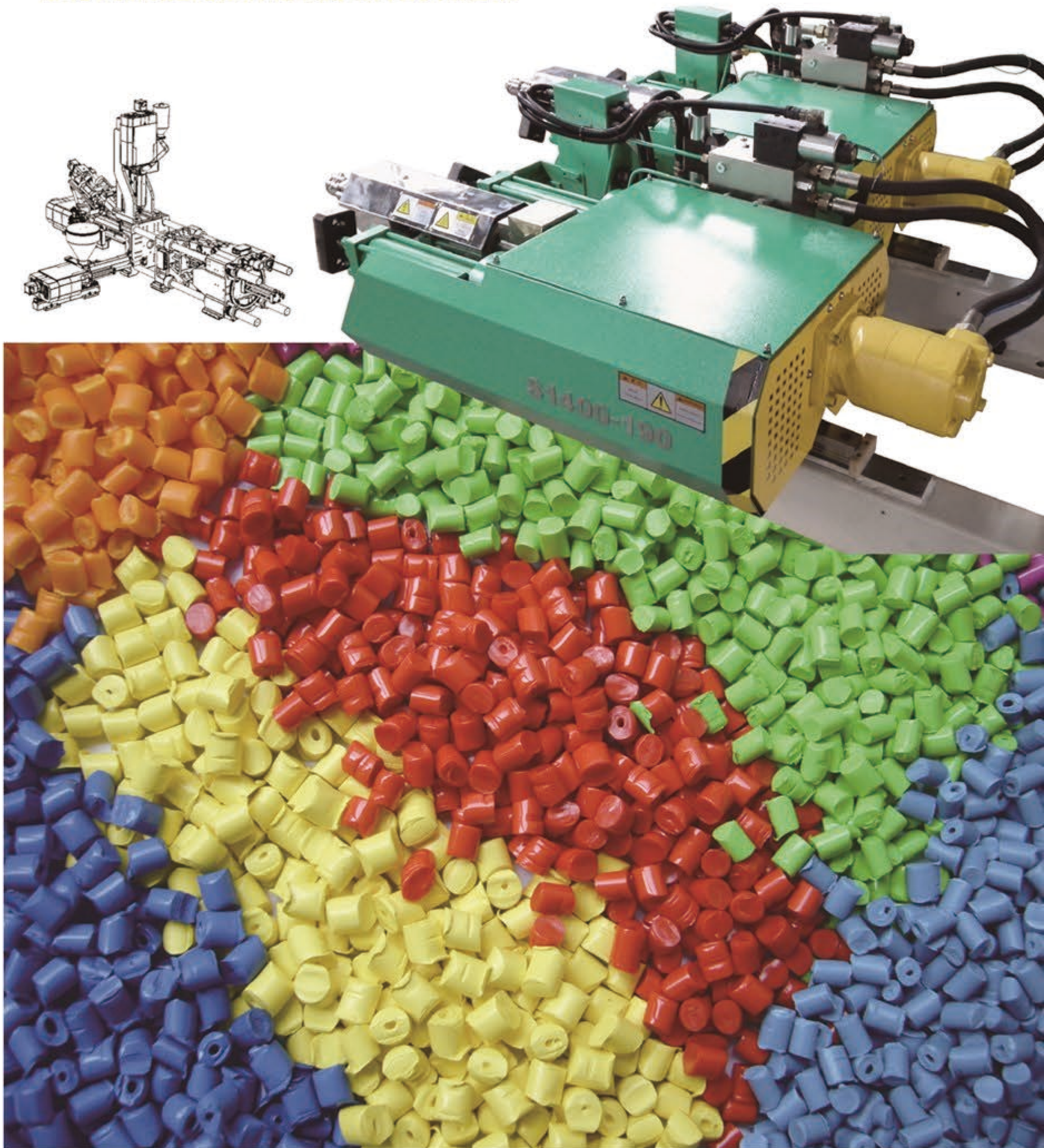


iRainbow

BESTONTECH - Precise Multi-shot Series
Plastic injection rainbow solution



Upgrade to double color or more...
from normal plastic injection molding machine
EASY\INTELLIGENT\LESS INVESTMENT



BESTONTECH - Precise Multi-shot Series

- * Completely independent installation, modular injection unit
- * Convenient installation, easy to setup on the original injection molding machine, rapidly expanding the function of original injection molding machine
- * Flexible & movable installation, quickly replaced from one to another injection molding machine
- * Independent multiple injection module can be quickly stacked on one machine
- * Velocity, pressure, position closed loop injection system
- * Up to eight segment of injection & eight segment of pressure holding digital programming function, can be used for precise multi-shot molding or overlaid multilayer injection for thick wall products
- * Reserved high-speed COM port that can remote control, monitor production data and proceed quality management
- * Humanized operation interface, optional 8-15" touch screen, hard card storage, and store more than 150 sets of mould process parameters
- * High safety, and host action circuit can form safety interlock, ensuring the security of the operation and use
- * Independent injection unit can be installed on the mould flexibly. Installation modes: like vertex type & rear type on fixed platen, and oblique type on main injection unit



DESCRIPTION	UNIT	iRainbow M1			iRainbow M2			iRainbow M3		
International size rating	cm ³	210			310			440		
INJECTION UNIT		A	B	C	A	B	C	A	B	C
Screw L-D ratio	mm	25	30	35	30	35	40	35	40	45
Shot volume	cm ³	64	106	144	110	168	220	173	251	318
Shot weight(PS)	g	58	96	131	100	153	200	158	229	289
	oz	2.0	3.4	4.6	3.5	5.4	7.1	5.6	8.1	10.2
Injection pressure	Bar	2918	2027	1489	2565	1884	1443	2327	1787	1407
Injection rate	cm ³ /s	71	103	140	81	110	144	115	151	191
Plasticizing capacity	g/s	8	14	19	11	15	22	15	23	29
Injection stroke	mm	130	150	150	155	175	175	180	200	200
Max.screw speed	r/min	329			268			273		
DESCRIPTION	UNIT	iRainbow M4			iRainbow M5			iRainbow M6		
International size rating	cm ³	640			950			1610		
INJECTION UNIT		A	B	C	A	B	C	A	B	C
Screw L-D ratio	mm	40	45	50	45	50	60	50	60	70
Shot volume	cm ³	258	358	442	366	491	707	501	848	1155
Shot weight(PS)	g	234	326	402	333	447	643	456	772	1051
	oz	8.3	11.5	14.2	11.7	15.8	22.7	16.1	27.2	37.1
Injection pressure	Bar	2286	1806	1463	2402	1946	1351	2744	1905	1400
Injection rate	cm ³ /s	144	182	224	192	238	342	236	340	462
Plasticizing capacity	g/s	22	28	40	22	31	49	31	48	68
Injection stroke	mm	205	225	225	230	250	250	255	300	300
Max.screw speed	r/min	266			209			204		



Mail:salescn@bestontech.com

The parameter will be probably changed due to continuous technology upgrades, please consult us timely

