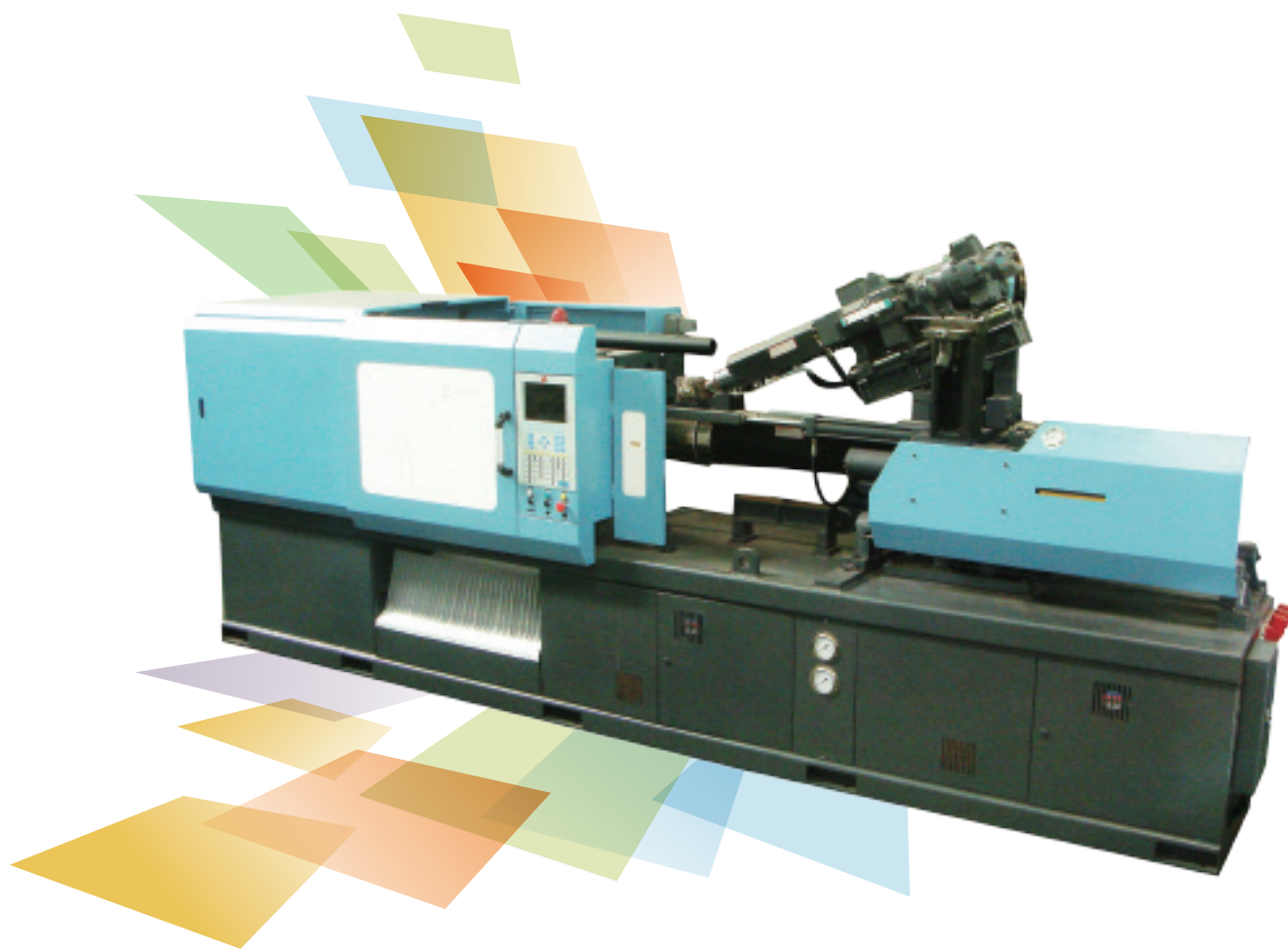


# JONWAI

TCS

## TWO COLOR MIXING MACHINE



**JST ENGINEERING CO.,LTD.**

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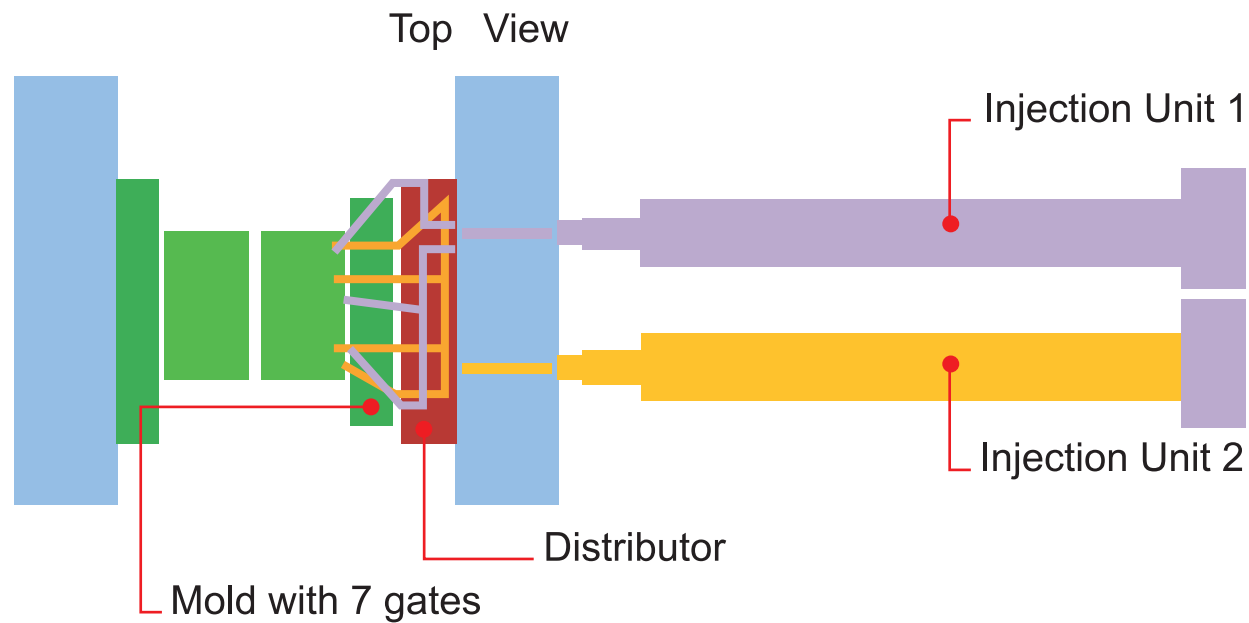
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## Separate Injection Method for Marble or Wood Texture Effects



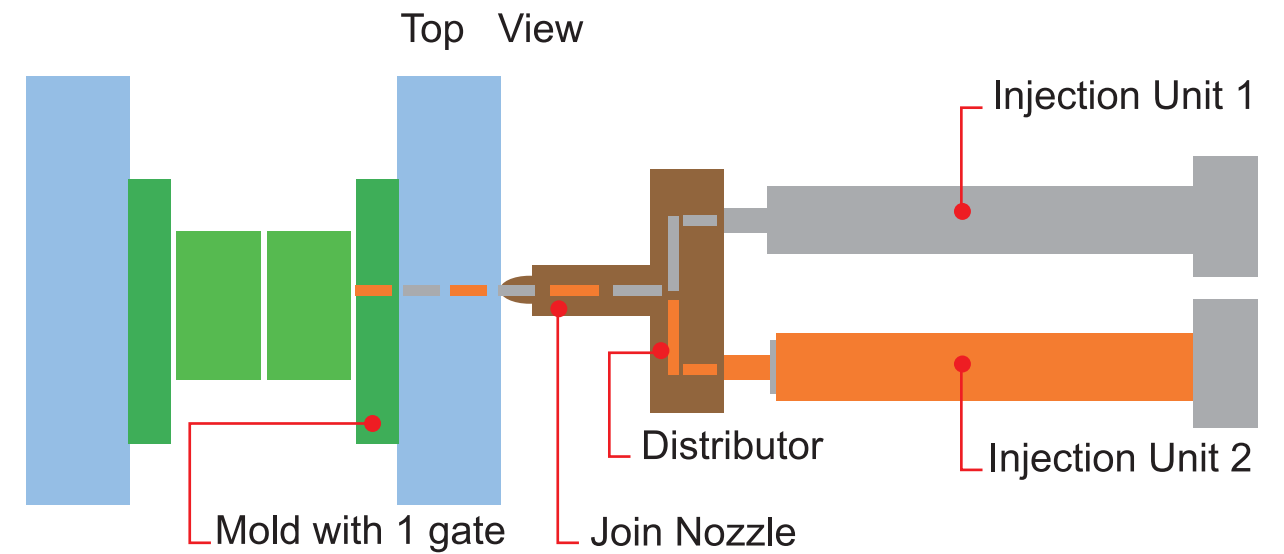
If the molding parts is flat shape and customer want to get a wooden pattern or marble effects,the solution is 2 (or 3 or 4) barrel go into a distributor , in the distributor the 2 different colors material convert into several material flow, and then insert to the mold from several gates separately. These several material flow will bring wooden pattern or marble effects.

(\*\*The mold with many gates in this method.)

(\*\*Distributor is a parts of mold.)



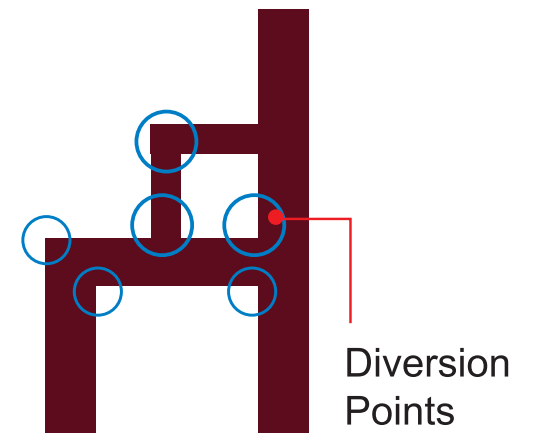
## Co-injection method for Marble or Wood Texture Effects



This is the system produced parts as chair or other plastic products,2 (or 3 or 4) different colors of plastic material from separate barrel mixed in a distributor, the mixed material go into the Joint Nozzle, and the mixed material from Joint Nozzle into the mold from one gate. (The mold with only 1 gate / Distributor is a parts of machine.)

To used this method for wooden pattern or marble effects , the molding parts must have diversions points (more diversion bring more perfect pattern ) .

In case of no diversion or less diversion, the wooden pattern of marble effects will not clear and not realistic.



If the molding parts is flat shape (as bottom sample , it is a plate.), wooden pattern or marble effects will not occur as no diversion point inside the mold.

The pattern will be more like a regularized radiation shape or regularized geometric figure.





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# SPECIFICATION SHEET FOR TWO COLOR MIXING MACHINE

MODELS		JW-120TCS			JW-150TCS			JW-180TCS			JW-220TCS			JW-250TCS		
SCREW DIMETER	mm	38	42	45	42	45	50	50	55	60	55	60	65	60	65	70
SHOT SIZE	gr	170	208	238	244	281	347	416	503	599	546	649	730	699	821	952
INJECTION PRESSURE	kg/cm2	2443	2000	1742	2321	2022	1637	2443	2000	1736	2483	2087	1778	2307	1966	1695
CLAMPING FORCE	ton	120			150			180			220			250		
CLAMP STROKE	mm	360			400			450			500			550		
MOLD HEIGHT	mm	150~400			150~450			150~550			150~550			220~650		
DISTANCE BETWEEN TIE-RODS	mm	410×410			430×430			480×480			520×520			580×580		
MOTOR RATED	HP	30			30			40			50			50		

MODELS		JW-300TCS			JW-400TCS			JW-500TCS		
SCREW DIMETER	mm	65	70	75	70	75	80	75	85	95
SHOT SIZE	gr	908	1054	1210	1224	1405	1599	1601	2056	2569
INJECTION PRESSURE	kg/cm2	2172	1872	1631	2177	1897	1667	2369	1884	1476
CLAMPING FORCE	ton	300			400			500		
CLAMP STROKE	mm	600			700			800		
MOLD HEIGHT	mm	220~700			280~760			300~900		
DISTANCE BETWEEN TIE-RODS	mm	630×630			720×720			820×820		
MOTOR RATED	HP	60			50+15			60+20		



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