GLUE BLENDER

IPL9000

DUAL BLENDER L-SHAPE INSTALLATION

IPL9000 are dual glue blenders designed to be installed in an L-shape configuration. Extended mixing time and the double blending of particles and glue have provided good results in many particleboard plants. Improved board properties, greater consistency and considerable reduction in glue consumption are just a few examples of the benefits had with this method.
In this particular dual setup, the first blender is used to apply glue to the wood particles just after the infeed and to then mix the material in the remaining area. The second blender has just the task of mixing and can therefore use the entire length of the machine for this purpose.
In conventional blenders mixing is limited to the area located between the last glue nozzle applicator and the blender outfeed, which, in the majority of cases, is less than two-thirds of the overall length of the machine itself.
A dust injection system may be inserted between the two machines.

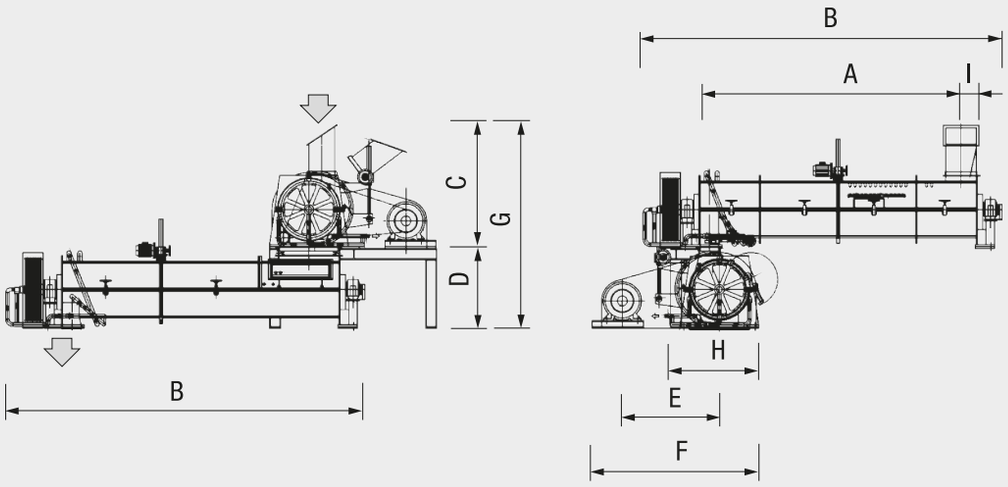
MAIN FEATURES

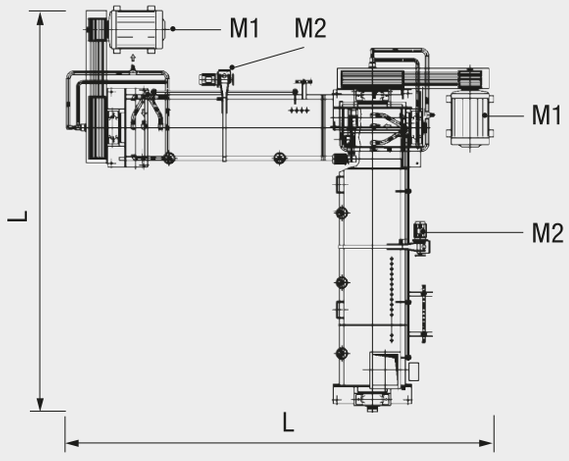
• The low mixing force applied prevents particle breakage • Little wear on the blender chambers due to the low speed • Glue evenly spread over all particle fractions • Retention time is constantly controlled by the MULTICOMP CGD microprocessor • All mixing chambers are made from special, highly wear resistant and chemical resistant stainless steel • The new sprayer nozzles stay clean for long periods and eliminate the need for static mixers • All parts in contact with the glue are water cooled and the low mixing speed keeps them clean • Guaranteed glue savings of 5-20% and over, compared to conventional high speed blenders.

BEST IN CLASS FOR:

WOOD BASED PANELS:
PB/SPB

IMALPALGROUP
IMAL Srl - Via R. Carriera, 63 - 41126 San Damaso (MO) - Italy
Ph: +39 059 465500 - Fax: +39 059 468410 - info@imal.com





MODEL	OVERALL DIMENSIONS mm									
	A	B	C	D	E	F	G	H	I	L
IPL9008	2175	3705	1315	740	1042	1505	2055	870	200	4747
IPL9012	2625	4278	1645	790	1310	1663	2435	1000	225	5580
IPL9020	2625	4305	1720	960	1495	1900	2680	1100	225	5800
IPL9024	3125	4810	1720	960	1495	1900	2680	1100	225	6305
IPL9030	3625	5305	1870	1060	1575	2086	2930	1200	225	6880
IPL9044	4100	5865	1966	1110	1575	2220	3090	1280	250	7440
IPL9060	4575	6440	2195	1160	1655	2440	3355	1350	275	8095

*[1] Particle temperature -45 °C *[2] Particle temperature -65 °C

MODEL	MAX. THROUGHPUT kg/h	CHAMBER		INSTALLED POWER kW/poles		COOLING Δt 5°C [1]		COOLING Δt 7°C [2]		BLENDER PRESSURE LOSS	APPROX. WEIGHT kg	
		Ø x L mm	Volume l	M1	M2	l/h	kcal/h	l/h	kcal/h	bar (H_2O) pres. drop	CTS	ASS
IPL9008	8000	480 x 2500	904	45/4	-	8460	42300	8460	59220	2.5	4500	4800
IPL9012	12000	530 x 3000	1324	75/4	0.37/6	13540	67720	13540	94800	2.5	5700	6000
IPL9020	20000	700 x 3000	2308	75/4	0.37/6	16200	81000	16200	113400	2.5	7100	7600
IPL9024	24000	700 x 3500	1700	90/4	0.37/6	19160	95800	19160	134120	2.5	7500	8000
IPL9030	30000	800 x 4000	4020	90/4	0.75/6	24520	122600	24520	171640	2.5	8800	9400
IPL9044	44000	850 x 4500	5104	110/6	0.75/6	32200	161000	32200	225400	2.5	11200	11800
IPL9060	60000	900 x 5000	6358	132/6	1.1/6	40840	204200	40840	285880	2.5	12700	13300