

HIGH SPEED GLUE BLENDERS MODELL "BBV"

Effective mixing of wood particles and glue.

The BULLMECH "BBV" Glue Blenders guarantee high quality in mixing the glue with the chip, taking advantage of the high rotation speed of the internal material. This allows, with the same flow rate, to have more compact machines which reduce installation costs.

They are therefore indicated for the resin coating of materials with reduced sand content and with a low tendency to generate dust due to impacts and rubbing.

The specific construction of the machine allows separate cooling of the shell (with three independent circuits for the base, the cover, and the feeding hopper), the rotor and the mixing tools.

The internal shells of the Glue Blenders can be supplied with special internal wear-resistant coatings to satisfy even the most severe operating conditions.

Furthermore, material feeding can be done with two types of rotors:

- SLF type resin milling machines are equipped with crescent-shaped tools (paddles) to provide a better introduction of the SL chip into the mixing chamber.
- The CLF type resin milling machines are equipped with a spiral drum that introduces the CL chip into the mixing chamber, limiting the impact between the particles to a minimum.

The adoption of advanced design solutions allows BULLMECH Glue Blenders to be installed even in dusty and potentially explosive areas as required by the ATEX regulations.

Benefits:

- Reduced fragmentation of wood particles
- Homogeneous distribution of the glue in the shavings
- Maximum cleaning during operation
- Less glue consumption



CODE DEFINITION

TYPE	-	Capacity [t/h b.d.]	-	Type of fraction [a]	-	Type of internal sheet [b]	-	Dust injection system [c]	-	Equipment compliant with 2014/34/UE ATEX [d]
B B V	-	1 6	-	S L F	-	W T C	-	I N J	-	A T 2 2

[a]: SLF = For SL fraction
CLF = For CL fraction

[b]: SAF = Inox type Avesta SAF 2205 (standard for fresh wood)
WTC = Welded tungsten carbide coating (standard for recy wood)
CCT = Covering with ceramic tiles (maximum wear resistance for recy wood)

[c]: INJ = Urea injection system
= Omit if not present

[d]: AT22 = External area classified ATEX zone 22
= Unclassified external area (Omit)

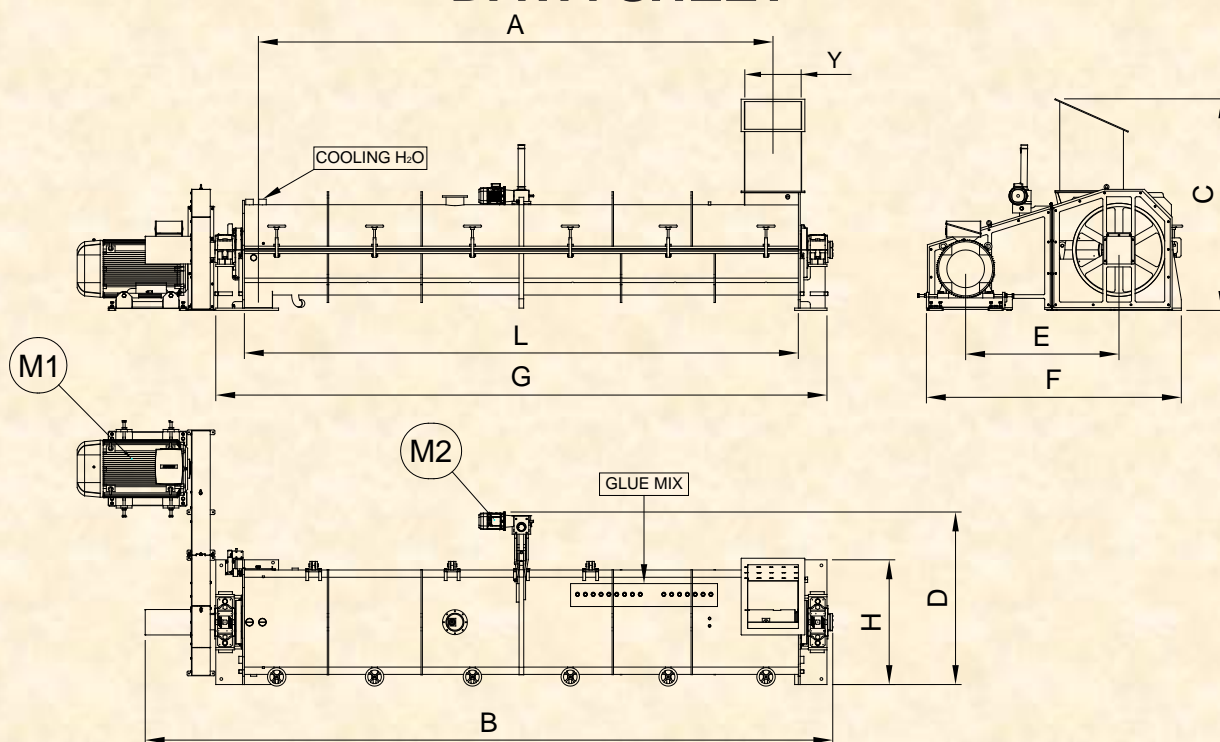
TYPE	Internal diameter [mm]	Internal length [mm]	Useful volume [l]	Capacity	Installed power [Kw/poli]		Cooling system Δt 7°C [1] [2]			Approximate weight [kg]	
				Max [t/h]	Cover opening motor	Rotor motor	[l/h]	[kcal/h]	[kW]	SLF	CLF
BBV-1.5-SLF BBV-1.5-CLF	296	1.250	86	1,5	Manual opening with counterweight	18,5 / 4	1.500	10.500	12	950	-
BBV-3.5-SLF BBV-3.5-CLF	380	1.470	167	3,5		22,0 / 4	2.400	16.800	20	1.350	1.400
BBV-06-SLS BBV-06-CLF	440	1.680	255	6,0		30,0 / 4	3.000	21.000	25	1.550	1.850
BBV-08-SLF BBV-08-CLF	480	1.960	355	8,0		45,0 / 4	4.000	28.000	33	1.850	2.300
BBV-12-SLF BBV-12-CLF	530	2.210	487	12,0		55,0 / 4	5.000	35.000	41	2.800	2.990
BBV-16-SLF BBV-16-CLF	600	2.200	622	16,0	0,75/6	75,0 / 4	6.000	42.000	50	2.950	3.330
BBV-20-SLF BBV-20-CLF	700	2.200	876	20,0	0,75/6	90,0 / 4	7.400	51.800	60	3.350	3.600
BBV-30-SLF BBV-30-CLF	800	2.680	1.347	30,0	1,1/6	132,0 / 4	11.800	77.700	90	4.250	4.600
BBV-40-SLF BBV-40-CLF	800	4.000	2.010	40,0	1,1/6	160,0 / 4	12.260	85.820	100	5.050	5.250

[1] Particle temperature 65°C

[2] Working pressure 2,5 BAR

Example for order: **BBV-16-SLF-WTC-INJ-AT22**

LOW SPEED GLUE BLENDERS MODELL "BBV" - DATA SHEET -



TYPE	OVERALL DIMENSIONS [mm]										Installed power [Kw/poli]	
											Rotor motor	Cover opening motor
	A	B	C	D	E	F	G	H	Y	L	M1	M2
BBV-1.5-SLF BBV-1.5-CLF	1.030	2.250	970	870	870	1.280	1.800	620	200	1.250	Manual opening with counterweight	18,5 / 4
BBV-3.5-SLF BBV-3.5-CLF	1.200	2.650	1.115	1.100	840	1.510	2.030	800	250	1.470		22,0 / 4
BBV-06-SLS BBV-06-CLF	1.393	2.870	1.240	1.100	1.030	1.600	2.190	800	250	1.680		30,0 / 4
BBV-08-SLF BBV-08-CLF	1.635	3.190	1.310	1.190	1.130	1.800	2.525	870	300	1.960		45,0 / 4
BBV-12-SLF BBV-12-CLF	1.835	3.445	1.645	1.210	1.230	2.000	2.830	900	300	2.200		55,0 / 4
BBV-16-SLF BBV-16-CLF	1.825	3.480	1.645	1.720	1.280	2.200	2.760	1.000	350	2.200	0,75/6	75,0 / 4
BBV-20-SLF BBV-20-CLF	1.825	3.520	1.720	1.720	1.460	2.200	2.820	1.100	350	2.200	0,75/6	90,0 / 4
BBV-30-SLF BBV-30-CLF	2.305	4.000	2.035	1.820	1.660	2.560	3.300	1.200	400	2.680	1,1/6	132,0 / 4
BBV-40-SLF BBV-40-CLF	3.625	5.320	2.080	1.820	1.660	2.760	4.620	1.200	500	4.000	1,1/6	160,0 / 4