

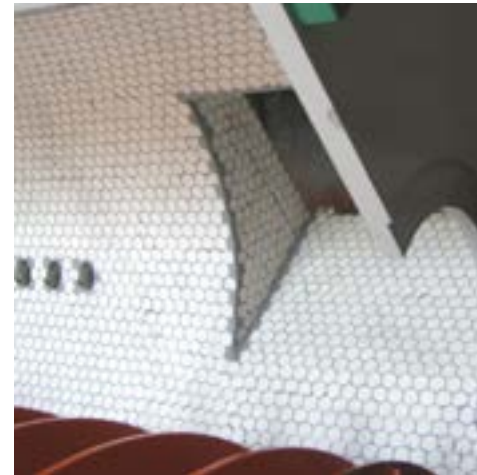


BLENDER MACHINE

www.instalmecc.it

 ENGLISH





A complete range of 10 sizes of our specialized resining machines is available to cover fully all your requirements for applying resin to the wood particles and fibres. Our Blenders are characterised by a much reduced mixing speed and very big and extended chambers compared to the old and traditional versions, mixing time very much increases. Likewise the particles centrifugal force against the chamber wall decreases, thus helping the formation of a homogeneous particle ring with suitable thickness. The innovative mixing tools increase the mixing effect.

Advantages

- Reduction of particles fragmentation
- Reduction of wear of mixing chamber
- Moderate overheating of particles and glue blender
- Long duration of mixing
- More performing glue injection system thanks to tangential air nozzles

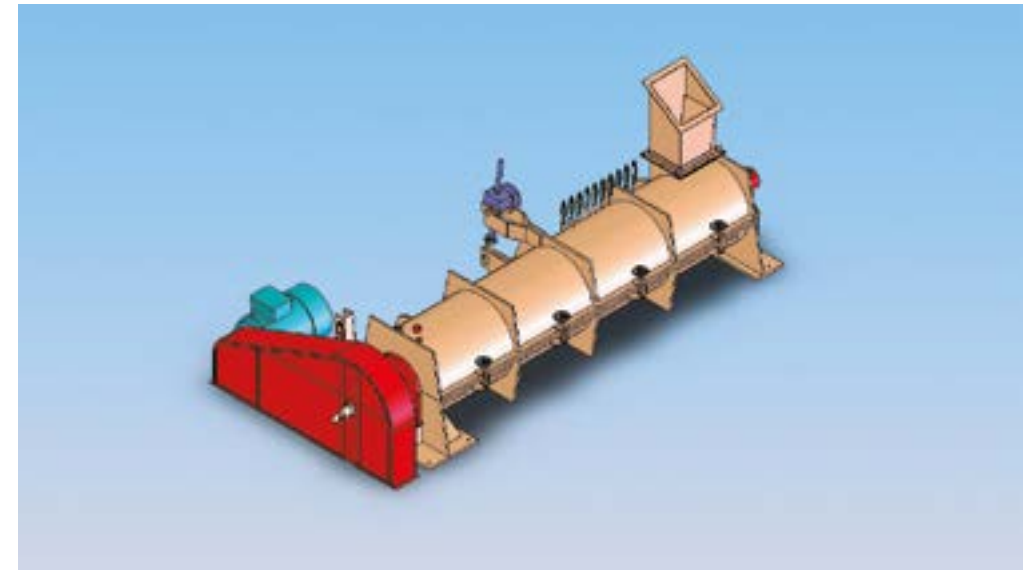
RE — Conventional version used for Surface Layer particles. Particles are introduced into the gluing machine by tools in the form of half moon rotation to the well loading-mixing zone.

RI — Conventional version used for Core Layer particles. Particles are introduced into the gluing machine by a screw-conveyor drum. The continuous spirals of the screw drum cause no impacts: any excessive reduction in grading causes dust and results in formation of spots and increases the glue consumption.

CP — Electro-pneumatic device controls the blender discharge based on actual instant flow of particles according to a specific power (A/t/h) as SET parameter to avoid variable fillings and maintain constant mixing efficiency.

C — Option: the life of shells depends mainly on the load of the machine and on the silica content of the particles and fibres processed. To avoid wearing, our mixing chambers are dressed up with ceramic tiles. This innovative system guarantee very long life of the shells, absolutely clean chamber or easy and faster cleaning operations, cooling reduction, less friction – damage of the particles.

S — Option: the standard machine includes the main safety devices, as an option the safety switches of the motors assembled in a dust-proof box can be added.



Example:

RI 600/3000. CP. C. S.

RI — *Blender for Core layer (with screw drum)*

600 — *Machine code & chamber diameter*

3000 — *Machine code & chamber lenght*

CP — *Microprocessor & pneumatic until for discharge gole*

C — *Ceramic wear-proof chamber*

S — *Maintenance switch for main motor*

VERSION		MODEL		Chamber volume	Max throughput	Weight approx		COOLING			Water pressure
Surface layer	Core layer	Diameter	Lenght			RE	RI		$\Delta t 5^{\circ}\text{C}^*$	$\Delta t 7^{\circ}\text{C}^{**}$	
		mm	mm	l	Kg/h	Kg	Kg	l/h	Kcal/h	Kcal/h	Bar***
RE	RI	480	2500	452	4000	2300	2500	4200	21000	29400	2,5
RE	RI	530	3000	661	6000	2700	2900	6200	31000	43400	
RE	RI	600	3000	847	8000	3200	3500	7000	35000	49000	
RE	RI	700	3000	1154	10000	3500	3700	8000	40000	56000	
RE	RI	700	3500	1350	12000	3700	3900	9600	48000	67200	
RE	RI	800	4000	2010	15000	4400	4800	12300	61500	86100	
RE	RI	850	4500	2552	22000	5600	5800	16000	80000	112000	
RE	RI	900	5000	3179	30000	6300	6500	20500	102500	143500	
RE	RI	900	6000	3815	40000	7500	7800	24000	120000	168000	
RE	RI	1200	6000	6782	50000	10400	10500	32000	160000	224000	

* Particles temperature 45°C - ** Particles temperature 65°C - Water pressure drop

Model	Main overall dimensions						Installed power			
	A	B	C	D	E	Y	Main motor		Opening motor	
	mm	mm	mm	mm	mm	mm	kW	Poles	kW	Poles
RE-RI 480/2500	2175	3700	1465	1180	900	400	45	4	-	-
RE-RI 530/3000	2625	4300	1645	1450	1000	420	75	4	2,2	4
RE-RI 600/3000	2625	4300	1645	1500	1000	450	75	4	2,2	4
RE-RI 700/3000	2625	4300	1720	1540	1100	450	75	4	2,2	4
RE-RI 700/3500	3125	4800	1750	1540	1100	450	90	4	2,2	4
RE-RI 800/4000	3625	5300	1850	1570	1200	450	90	4	2,2	4
RE-RI 850/4500	4100	5800	1980	1650	1300	500	110	6	2,2	4
RE-RI 900/5000	4575	6450	2190	1810	1350	550	132	6	2,2	4
RE-RI 900/6000	5575	7450	2260	1810	1350	550	160	6	2,2	4
RE-RI 1200/6000	5450	7600	2610	2120	1600	700	200	6	4,0	4

Not binding data. We reserve the right of modification at any time without prior notice. *According to the project parameters and lay out.

