

Machinery and Plants for
Paper Industry
Water Treatment Systems



Chest and tower

Chest and tower

Since many years, our range of chests and towers have satisfied the requirements of all our customers because of the excellent homogeneous mixing of the raw material to be mixed guaranteeing in this way a constant quality of the paper produced.

ST Macchine is particularly specialized in the manufacturing of stainless steel vertical chests with round section. The particular shape of the bottom part ensures higher efficiency of the propeller as well as the complete discharge of the pulp from the chests. Chests and towers are designed and produced in more elements: different solutions of chest assembly can be provided to any customer as chests welded on site or chest with various elements screwed together and then sealed water tight by silicon gaskets.

ST Macchine produces as well bleaching towers and storage towers up to 2000 m³



Chest volume [m ³]	10	20	30	40	50	60	70	80	90	100	120	150	180	200
Agitator size	AST1 500	AST1 600	AST2 700	AST2 800	AST2 800	AST2 800	AST3 900	AST3 900	AST3 1000	AST3 1000	AST3 1000	AST4 1250	AST4 1250	AST4 1250
Max. installed power [kW]	7,5	7,5	11	11	15	15	18,5	18,5	22	30	30	37	45	45

Tower volume [m ³]	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
Mixed volume [m ³]	25	30	35	40	45	50	55	60	75	80	85	90	100	120
Agitator size	AST2 800	AST2 800	AST3 900	AST3 900	AST3 900	AST3 900	AST3 1000	AST3 1000	AST3 1000	AST3 1000	AST4 1500	AST4 1500	AST4 1500	AST4 1500
Max. installed power [kW]	15	18,5	22	22	22	30	30	30	30	37	37	37	45	55