



Sun Paper 500,000 t/a Low Basis Weight High-grade Liner Board Project Put into Operation

On July 10th, Sun Paper 500,000 t/a low basis weight high-grade liner board project put into operation.

The pulping equipments of the project mainly include Andritz flow system and KBC pulp line system, in which Andritz reject line treatment system is the first production line in Asia. The main paper machines are supplied by Voith. The PM31 paper machine is right-hand paper machine, which has three wires, double shoes press, surface sizing and soft nip decorative faced technology, with design width of 6660 mm, design speed of 1200 m/min, and produces basis weight of 110~250 g/m² box-board. The PM32 paper machine is left-hand paper machine, using "one box two wires" technology supplied by Voith, double shoes press, surface sizing, hot calander technology, and produces basis weight of 90~140 g/m² low basis weight corrugating medium and low basis weight kraft liner board. The wire section uses bottom wire combining dehydration wire, which could ensure the product quality on the premise of maintaining paper machine speed and efficiency. Headbox uses the most advanced double-layer headbox for the first time. In the production of light weight high-grade kraft liner board, it has high efficiency, good formation, good CD profile, high strength and

quality stable characteristics.

The rewinder of the finish workshop section is ACelli double bottom roll rewriter which is imported from Italy, with design width of 6660 mm, maximum paper roll diameter of 3800 mm, maximum diameter of finished rolls of 1500 mm, maximum operating speed of 2300 m/min. The ACelli rewinder adopts modular design, rewinding, arc-shaped roller, slitting section and unwinding sections are relatively independent, flexibly changeable according to production needs.

The low basis weight high-grade liner board products produced by this project has properties including low basis weight, high ring pressure strength, good water proof, high wet strength, good folding endurance. The product is mainly used for outer of carton, suitable printing, packages for household appliances, daily necessities, express and logistics outside packaging, precision instruments, frozen food and other fields. At the same time it meets high-grade industrial products special needs of packaging material, can completely take the place of import products, will make technology, management level and integrated strength of company get further improve. ▀