High-efficiency mould is the key part in continuous casting machine (CCM), in which the liquid steel can be rapidly cooled and shell of same shape as mould chamber with a certain thickness can be formed.

High-efficiency mould equipped with electromagnetic stirrer can solve the problems like segregation, porosity and shrinkage during continuous cast, which is a good guarantee for acquiring high quality bloom. As key component of mould, the quality and performance of copper tube can determine the working life of mould. The copper tube adopts continuous taper crystallization mode in comparison with traditional ones, the mould can quicken heat transfer inside the copper tube and equalize thickness growth of initial shell, which ensues the internal quality of bloom and effectively controls steel breakout.

The copper tube adopt narrow water gap cooling to enhance the cooling effect and its cooling water jacket adopts template molding and multi-mold stamping molding with stainless steel to guarantee water seam between internal jacket and copper tube. The mould casing is made of carbon steel plates through welding, annealing and machining, etc.

Strictly as per IS09001 Quality system KEMEIDA mould has won the recognition from many large steel plants at home and abroad with its good and reliable quality and service.