



ASIAN PLASTIC MACHINERY CO., LTD



*Super Master*

***Energy Saving (Closed Loop) Dual-Color Injection Molding Machine***

***DC Series with Double Toggle Design***

# Super Master DC

series tackles the problems that dual color injection molding machines historically face since it adopts four specific designs on the clamping unit to facilitate the efficiency of rotary table.

The design of multi-stage speed reduced function effectively eliminates rotary inertia and adopts mechanical orientation for rotary table.



The machine can achieve dual-purpose by operating with rotary table and spindle alternatively.



The balance design of moving platen keeps the precision of levelness in operation by adjusting rotary table according to mold weight to protect guide pins and ensure mold closing precisely.



The balance design of rotary table effectively keeps balance on mold to avoid table leaning forward and hold the mold stable without damaging guide pins.





# Machine Efficiency



Improve the lubrication system of toggle pin to facilitate lubricating oil used efficiently which can save up to 50% consumption for cost down.



Be able to employ different types of injection unit in order to increase the manufacturing variety on product.



The low-inertia structure of injection cylinder attains the extraordinary reliability in high speed working condition.



Simple design of mold height structure for maintenance time reduction.



SM DC series adopts widen space between tie bars and it leads high compatibility in matching various types of mold.



The adoption of servo motor system promotes the efficiency of machine performance.



In addition, the mold cooling system can be set in the center of rotary table or stationary platen. Anti-fatigue of metal adopts special design of tie bar knots to share the strain of tie bars during high pressure locking and it contributes to the longer working life and less maintenance requirement.