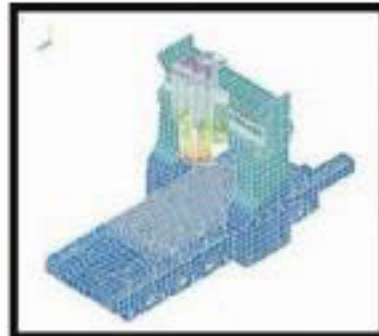




▲ CARTRIDGE SPINDLE:

- BT40 Spindle Set: 10,000 rpm; Option: 12,000 / 15,000 / 20,000 rpm.
BT50 Spindle Set: 4,000 rpm, 2 step gear drive; Option: 6,000(gear box) / 10,000(direct drive).
- Well balanced, rigid and easy maintenance, which is built in temperature controlled environment. Spindle, bearings, housing and spacer is individually selected in-house before put it together. Each unit is running test to ensure performance and accuracy before being assembled into the machine.



▲ MAIN CONSTRUCTION

- Main construction is one piece of portal frame mounted on heavily ribbed cast iron Base. It is formed a steady foundation as a rock.
- The whole longitudinal travel of table is fully supported. The heavy duty roller-type guideways is adapted at X and Y axis providing better acceleration and stick slip rate. By using harden and ground ways in the Z axis significant rigidity is given to the cutting head.
- From the Finite Element Analysis report prove the machine structure is the best for deformation and vibration.

▶ HEAVY LOAD TABLE

- High rigid-design structure is with max. Loading 3,000 kgs.

▶ MONORAIL GUIDEWAYS

- X and Y axis slideways has been adopt the latest innovation of high rigidity, great dynamic and static load carrying roller guideways. These properties result in higher machining rates together with enhanced geometrical accuracy and surface quality of the work pieces.

▶ AUTOMATIC TOOL CHANGER

- The Arm type transmission mechanism provides rapid, stable and reliable tool change, also it is controlled by PLC software for quicker tool selection to reduce non-cutting time.
- Standard capacity is 30 tools; Optional with 40 tools.

▶ CHIP CONVEYOR SYSTEM

- Chip augers put at both side of table/ flat chip conveyor at left side.

