Water Jet Loom

**PUSLAR weft brake**
It substantially reduces the peak tension at the end of weft. In high-speed operation, it can get uniform wrinkles of over twisted yarn fabric. It also can prevent the tight weft and loose weft in weaving of DTY yarn fabric.

**Mechanical length checking weft accumulate unit**
Because of the smaller maximum weft tension, it also can ensure high-grade quality in high-speed weaving single jet fabric. It can adapt to a variety of differentiated fabric even twisted yarn, Taslan yarn, nep yarn and loop yarn.

**The first class performance of weft insertion unit**
The use of a new water pump and adjustable nozzle improves the bundling of jet and the ability of filling. Single pump and double pump weft insertion expand the scope of the weaving.
**Nozzle**
The use of new type of ceramic nozzles further improves the bundling of water injection, achieves stable running in a smaller openings and smaller quantity of water, and even in the high-speed operation, it also can use soft insertion which is good for warp and weft. The latest dual-bundling nozzle shortens the distance between the nozzles, reduces the status difference between the first and second weft insertion nozzle and achieves uniformity of the weft insertion. In addition, the use of yarn guide spacer inhibits air currents caused by the metal reed movement disorder, so that it makes weft insertion more stable. Freely weft selection of two or three nozzle, cooperating with single pump or double pump, makes it adapt to different types of fabric and further expand the scope of weaving.

**Let-off system related to the grade of fabric**
By using strengthened gearbox and double roil let-off, it applies to the thin and super-thick fabrics, and it can improve the grade of fabric. Whether it is equipped with a ring cone transmission MLO mechanical let-off or simplified ELO electronic let-off, it is perfectly safe in the prevention of stop marko.