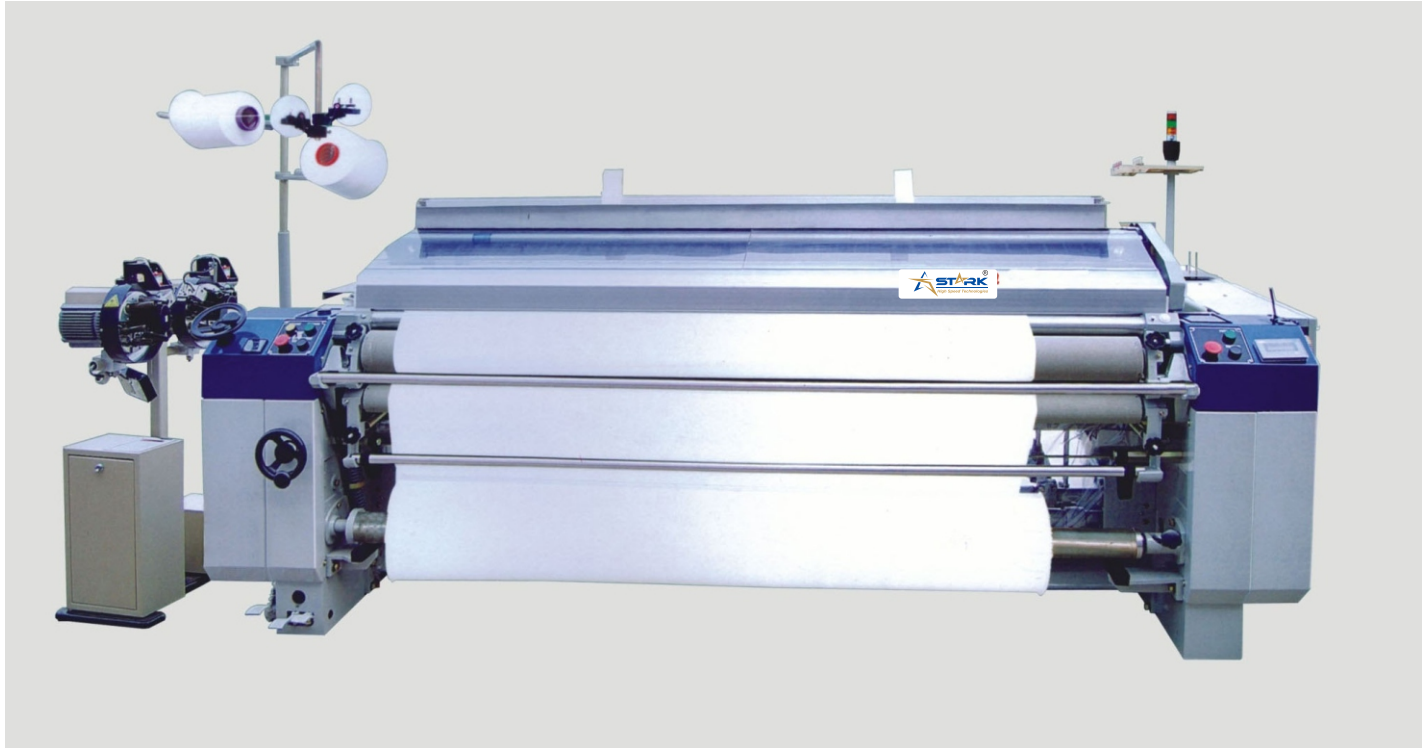




# Waterjet loom

# **STK-851 DOUBLE NOZZLE PLAIN MACHINE**



This machine designed as a global standard loom with ultra high precision, stable operation and wide applicability.

These water jet looms are woven from ordinary garment fabrics to ordinary heavy and high value added fabrics at the lowest operating cost.

This integrates high-tech and motor integration effectively and achieves the goal of simple operation and user supremacy

## **HIGH QUALITY FABRIC:-**

New type sturdy double – sided box frames reduce vibration at high – speed operation. Because of this reduced vibration, the filling insertion and the beating motion are much more stabilized which keeps fabric quality high. Its main drive is contained in an oil bath to achieve stable high speed operation. New type nozzles also realized the filling insertion with high speed and stability.

## **OUTSTANDING ECONOMY:**

The rush – start motor instantly provides ultra-high torque only at room start. The mechanical feeder does not require a storage blower. It contributes to great energy savings and smaller running costs.

# ***STK-822 CAM SHEDDING MACHINE***



This series designed, based on heavy water jet loom, which is optimizing the main component and frame structure improving the beating – up, let-off mechanism and take up mechanism, installing assistant device on let-off mechanism, all of the ensure the running stability and reduced the vibration and noise, increased efficiency and enlarged the weaving range.

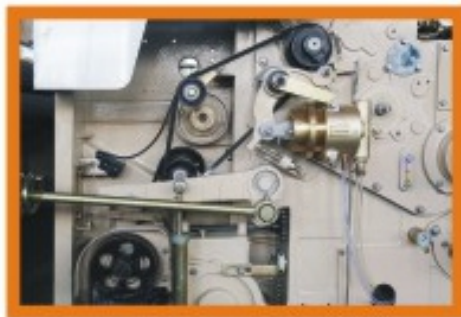
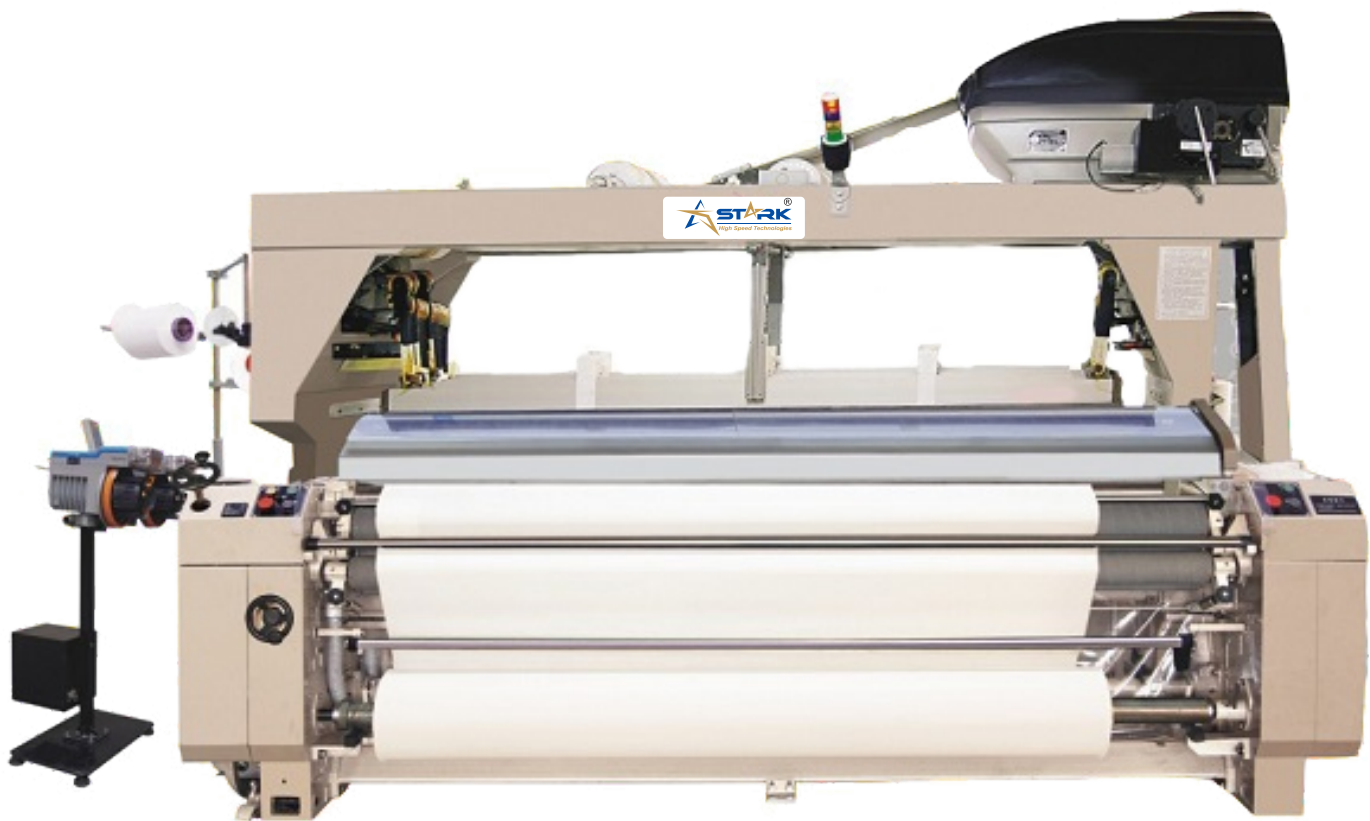
## **STABLE FILLING INSERTION ABILITY – SOFT PICKING:**

A new nozzle with improved convergence of jetting water allows filling insertion with a small shed opening. And soft picking allows stable operation of the loom with less water jetting. It does not damage the warp during high speed operation. Thus, Fabric quality is improved and water consumption is reduced.

## **STABLE CLOTH FELL:**

The robust frame structure, rigid let-off and take up stabilized the cloth fell position and the weavable range is increased from thin to middle-thick fabric and from low to high density fabric. Even with dobby motion, vibration is low, so the STK-408 can easily weave fabrics of complicated or unbalanced construction.

# **STK-408 DOBBY SHEDDING MACHINE**

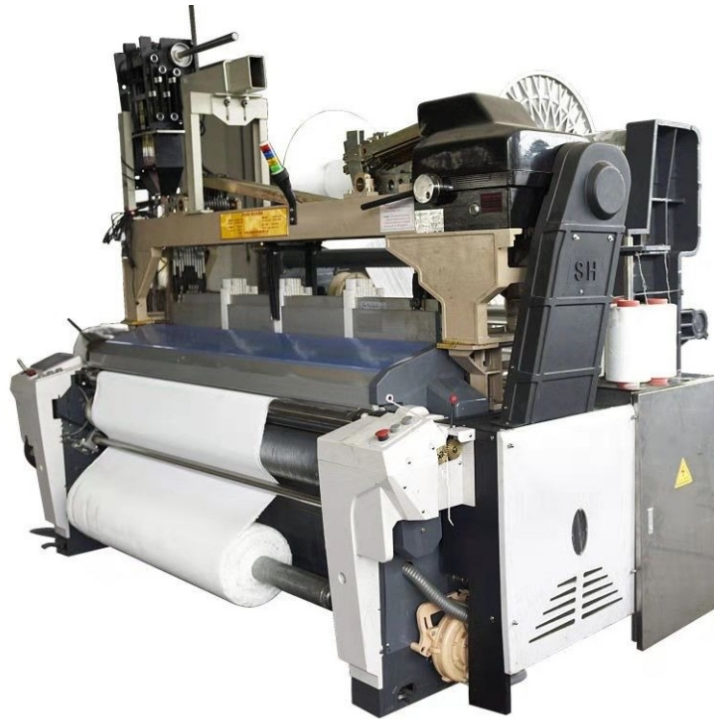


# Technical Specification :-

Particulars	Main Specification
Normal reed space (Cms)	150/170/190/210/230/260/280
Connected electric Power(Kw)	2.2 Kw 150cm to 190cm or 2.8 kw 210cm 280cm (1.5KW Optional)
Inching	Stop Control in position and operation by stop button
Frame Structure	Box Type
Weft Accumulation	2 nozzle m/c Electric weft accumulators with pick at will device 1 nozzle m/c mechanical type
Water Pump	18 No. To 26 No.(as Per your requirment)
Nozzle & needle	0 No. To 40 No.(as Per your requirment)
Weft Packages holder stand	For four Packages
Shedding	Crank type Plain Tappet-6 Heald frames Dobby type-16 heald frames
Let-off	Variable speed controler (0 max)
Weft density	20-140 picks per inch
Beam flanges diameter (mm)	800mm/1000MM
Leno device	Planetary gear type with proximity switch
Drying/dehydration	By Suction Blower device
Weft Yarn Cutting	by mechanical cutters on both sides of selvedges
Electric power source	380 V
Electric motors	1.5 KW for 150cm to 190cm & 2.2 KW for 210cm to 280cm
Mechanical speed/working speed	800 to 900 RPM Plain m/c & 600 RPM doobby m/c
Control Panel	Logic & PC type
indicator signal lamp	4-colour LED type
Weft feeler	infra red (I/R) type



# WATERJET VELVET LOOM MACHINE



## **TECHNICAL PARAMETER FOR WATER JET VELVET MACHINE**

NO.	QTY	REMARK
Middle wall		2cm Thickness
Gear box		DATONG or TAIWAN Brand
Bearing		NSK Japan inside, NACHI Japan outside
Shedding type		Cam Shedding / Dobby Shedding
Main Motor	1 pc	1.5 – 2.4 Kw
Machine Speed		350 to 550 RPM
Active CAM / Dobby opening device	1set	Top mounted
Electronic Let off & Take up Device	1set	
Mechanical feeding device	1set	
Mechanical / Electronic coiler	1set	Optional
Electronic weft storage device	1set	Single spray / Double spray
90 type aluminum alloy heald frame	12 pcs	Special for water jet loom
Double axle rear frame combination	1set	FULL SET
Edge warp beam	2 pair	ĐCĆi ì aluminum beams
Independent edging device	1set	
Heald Wire	18000 pc	
Tension roller device	4pair	
Stainless steel cloth Roll	1set	
48N electronic jacquard tap	1set	High speed Edge jacquard tap
Machine use: suitable for weaving various fabrics, such as polyester silk Swan flannel, nylon silk Swan flannel, etc.		
Opening Mechanism: CAM 12 pieces of top mounted / Dobby 16 pieces of top mounted		



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