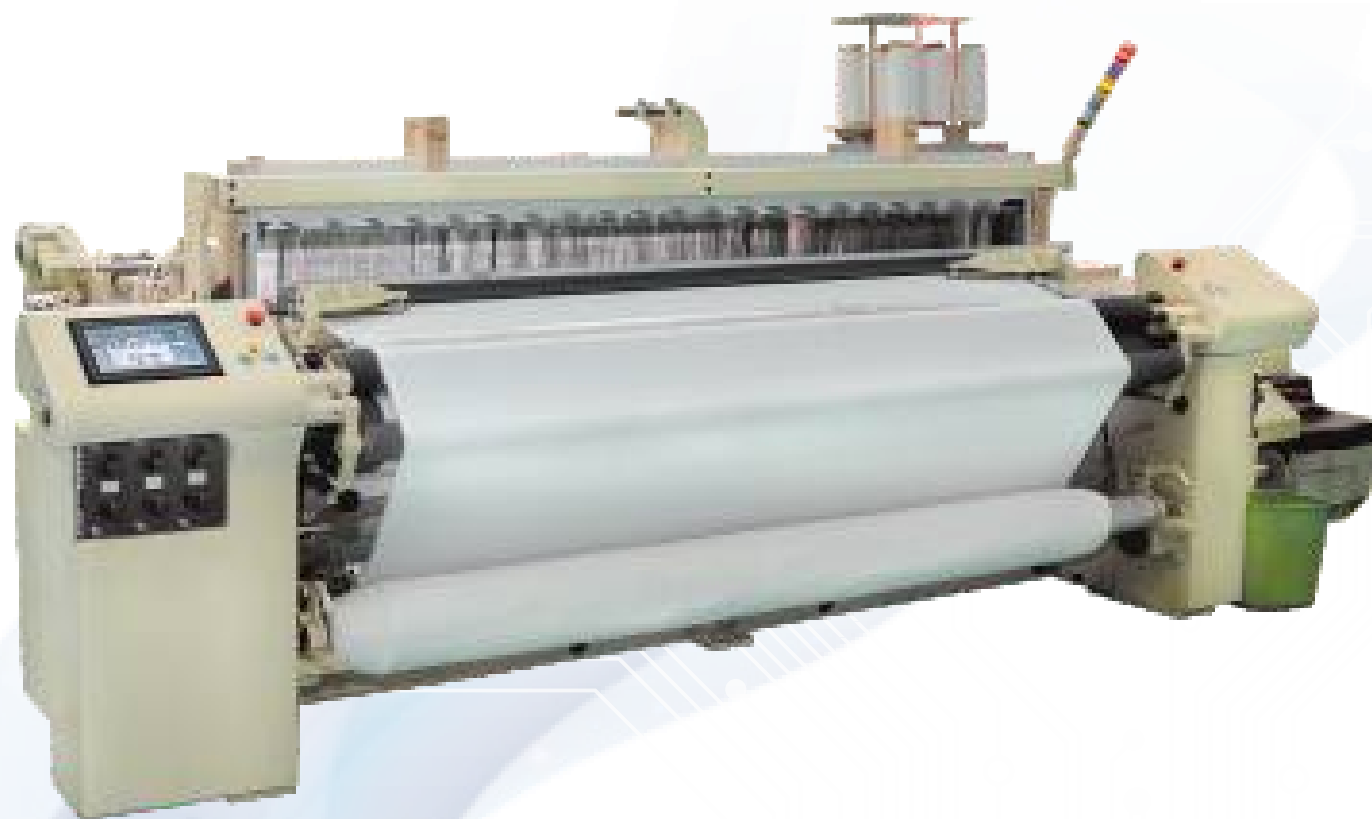


AIRJET LOOM

with ELECTRONIC JACQUARD



Electronic Take up



Dual rear beams positive balancing devices



Electronic Let off



Auxiliary gas bag (breast beam)



CPU gives high frequency

SiGNATURE[®]
TEXTILE MACHINES

TECHNICAL PARAMETERS

Specification	Loom need width			
	1900 (75")	2300 (91")	2800 (110")	3600 (142")
A	1900	2300	2800	3600
B	2540	2940	3440	4240
D	1200	1600	2100	2900
W	4320	4720	5220	6020
Rotary Speed (R/Min)	800	700	520	450
Max Weft insertion Rate (m/min)	1520	1610	1456	1512
Equip/ Capacity (KW)	4	4	4.7	6.5
Floor Space (mm2)	4320X1860	4720X1860	5220X1860	6020X1860

HEAVY BODY LOOM

One piece wallboard is used for low vibration and reliability due to looms hyper speed, broad width and less noise. Due to narrow space of auxiliary nozzles, weft insertion system works smoothly and efficiently on finer denier yarns also. With newly designed strong and tenacious framework, beat up system is well balanced with the lowest inertia.

ENERGY SAVING & COST REDUCTION

Auxiliary nozzle is attached with independent pressure adjustments to enhance weft insertion and reduce consumption of compressed air. Stable weft insertion enables one air valve to work with four auxiliary nozzles. This contributes to less energy consumption on high speed.

Technical Parameters

Fabric Width	: 190-360 cm adjustable 70 cm
Yarn Count Range	: Short Fibre : 5S/1-100S/1, Filament : 50D-900D
Weft Range	: Double, Quad, Hex nozzles weft selection
Shedding Mechanism	: Negative cam shedding (max. 8 heald frames) Electronic dobby shedding (max. 16 heald frames) electronic jacquard shedding
Motive Power	: Super start motor, button start, stop, forward and reverse, slow motion electromagnetic clutch fixed position stop
Filling Insertion	: Fixed main nozzle+ swinging main nozzle profiled reed secondary nozzle
Warp Let Off	: ELO electronic let off positive let off
Beating Up	: <260 cm four bar linkage, >280 cm six bar linkage
Weft Shearing	: Mechanical shears
Stopping Device	: Weft : photoelectric relex weft detecting, Warp electrical contact 6 rows of droppers other : stops for leno selvage yarn breaks, Cause of stops display : screen show, multi function 4 color lights
Automation	: Control : multi function microcomputer control system, parameter setting/ control / monitoring / auto diagnosis / manual pick finding device : auto searching for shed jog running through converter (forward & reverse), other : output terminal of monitor