

## Picanol introduces new airjet machine

Picanol will introduce a new airjet model, the **OMNIplus-X**, developed and produced in Picanol's Suzhou plant in China, but using the proven OMNIplus 800 technology. The OMNIplus-X responds to the requirements of the Chinese mid-end segment and comes in weaving widths of 190 cm and 220 cm. Its availability will be limited to the Chinese market for the time being. On ITMA Asia Picanol will display in total six high-tech weaving machines. Four on its own booth (Hall E4, booth B03). One Picanol Jacquard airjet will be on display at the Stäubli booth and one will be shown at the Bonas booth.

Picanol offers seven types of weaving machines the OptiMax, GT-Max and GTXplus with rapier technology, the OMNIplus 800, OMNIplus 800 TC, OMNIjet and now recently the OMNIplus-X with airjet insertion technology. Together, these machines cover the full spectrum of textiles including apparel, household and technical fabrics. The high degree of digitization of all these machines, together with their Sumo main drive, ensures a lower weaving cost, higher quality of the fabrics produced, greater flexibility and exceptional ease of operation in comparison with other weaving machines.

### Picanol weaving machines on display at ITMA Asia + CITME 2010

#### OMNIplus 800-6-R 190 weaving ladies wear

Style	Ladies wear	
Warp	Yarn count	dtex 167
	Material	polyester
	Density	41 ends/cm
Weft	Yarn count	dtex 90
	Material	polyester
	Density	38 picks/cm
Drawing in width		162,5 cm

- ❖ With air master.
- ❖ Prewinder type 1131.
- ❖ Relay nozzle E-type - 16 holes.
- ❖ New 6-channels movable main nozzle.
- ❖ Filling detector in front of the reed.
- ❖ Catch cord less.
- ❖ Frames = steel heddle, type hybrid.
- ❖ Dobby R 2881.
- ❖ With upper shed retainer.
- ❖ New BLF.
- ❖ With optispeed.
- ❖ Interactive display.

#### OptiMax-6-R 190 weaving outdoor furnishing

Style	outdoor furnishing	
Warp	Yarn count	dtex 2500
	Material	PVC coated polyester
	Density	16,5 ends/cm
Weft	Yarn count dtex	3500 + fantasy Nm 2.6
	Material	PVC coated polyester
	Density	8 picks/cm
Drawing in width		160 cm

- ❖ Free flight with race board.
- ❖ New gripper LHS: clamp outside housing.



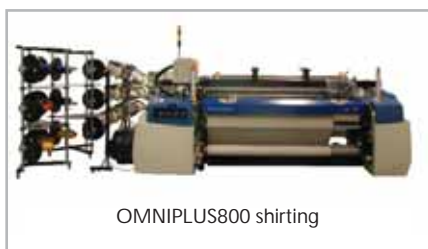
OMNIplus-X, developed and produced in Picanol's Suzhou plant in China

- ❖ SUMO main motor with Optispeed.
- ❖ Mechanical filling cutter.
- ❖ New backrest BLF.
- ❖ Interactive display.
- ❖ Programmable filling tensioner PFL.
- ❖ Prewinder switch-off PSO.
- ❖ Electronic selvage system ELSY.
- ❖ DRC-30 harness frame connection, with Steel Heddle extra reinforced harness frames - profile 152.
- ❖ Stäubli dobbie 2670.
- ❖ Prewinder IRO Chrono XD-X2.
- ❖ Multiwinder from Neuenhauser.

#### OMNIplus-X-2-P 190 weaving a shirting fabric

Style	shirting	
Warp	Yarn count	Ne 100/2
	Material	cotton
	Density	55 ends/cm
Weft	Yarn count	Ne 100/2
	Material	cotton
	Density	29 picks/cm
Drawing in width		163,5 cm

- ❖ Prewinder ROJ.
- ❖ Double filling detector in front of the reed.
- ❖ Relay nozzle: E-type - 11 holes.
- ❖ Frames XLF - profile 152 - DRC10.
- ❖ Cambox S 1351.
- ❖ Keyboard display.
- ❖ New BLF.



OMNIPLUS800 shirting

#### GT-Max-8-J 340 weaving an upholstery fabric

Style	upholstery	
Warp	Yarn count	dtex 167
	Material	polyester
	Density	64 ends/cm
Weft	Yarn count	Den 160 metallic yarn/ Den 300 polyester-light (draw textured yarn/ Den 300 polyester high shrinkage yarn/ Nm6 che- nille/ Ne7 polyester spun
	Material	Mix
	Density	45,8 picks/cm
Drawing in width		304cm

- ❖ free flight with race board.
- ❖ SUMO main motor with Optispeed
- ❖ new backrest BLF.
- ❖ Quickstep filling presenter with 8 pre-sender needles.
- ❖ prewinder switch-off PSO.
- ❖ Bonas jacquard.
- ❖ Prewinder LGL Progress Vector.

#### Stäubli booth – OMNIplus 800-4-J 190 weaving lining

Style	lining	
Warp	Yarn count	dtex 78
	Material	polyester
	Density	55 ends/cm
Weft	Yarn count	dtex 78
	Material	polyester
	Density	50picks/cm
Drawing in width		153 cm

- ❖ prewinder 2231.
- ❖ filling detector beside the reed.
- ❖ interactive display.
- ❖ autospeed.

Bonas booth – OMNIplus 800 -6-J 250 weaving mattress ticking		
warp = Pes denier 150 - 32/cm		
weft = polypropylene denier 300 - 15/cm		
Drawing in width = 244cm		
Style	mattress ticking	
Warp	Yarn count	Denier 150
	Material	polyester
	Density	32 ends/cm
Weft	Yarn count	Denier 300
	Material	Polypropylene
	Density	15 picks/cm
Drawing in width	244 cm	

- ❖ prewinder type 1131.
- ❖ filling detector beside the reed.
- ❖ multispeed.
- ❖ interactive display.

### Innovation is a constant at Picanol

An R&D team of over 150 researchers are working day-in-day-out on performance, efficiency, user friendliness and versatility of the Picanol weaving machines, so that the weaving industry can get the most out of its energy, time, material, market and talent. This makes the Picanol machines the most innovative in the world.

Teaming up with Picanol is the best guarantee for weavers of being competitive and profitable – now and in the long term.

### Picanol in Asia

As one of the world's leading weaving machine manufacturers, Picanol has always had a very close relationship with



OMNIplus800 Bonas.

the Asian textile industry. This relationship is not a matter of chance or coincidental developments: on the contrary, it is the result of long-term, strategic planning by the Picanol management. ♦

## GTP: Steel Heddle® launches new heddle

Steel Heddle® launches new heddle at ITMA Asia + CITME 2010 at Hall 4E, booth B03. The US-based company Steel Heddle® has been the textile industry's leading partner for over 110 years.

Steel Heddle® is member of the Global Textile Partner group and develops and produces high-quality & innovative weaving accessories for various textile segments, including technical and specialty textiles like mesh screen and leno.

Based on substantial know-how and a long experience in the design of weaving solutions, Steel Heddle® is a true partner that seeks to create new and better products for the future.

At ITMA Asia + CITME, Steel Heddle® will introduce its new heddle range that meets the most demanding needs. With new advanced materials as well as with new high-tech production processes, Steel Heddle® creates a new heddle standard for the benefit of all weaving mills. This new heddle range includes the Dura Weave, Power Weave, Hydro Weave and Silk Weave.

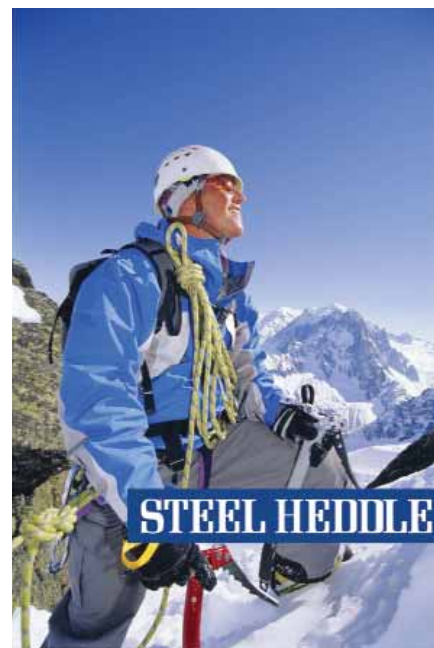
Visitors can discover at the same time the Steel Heddle® specialty products like leno and JET EYE® heddles where most attention is paid to an optimal design that offers minimal friction between yarn and heddle.

Also at display is the high-speed HybridPower 158 frame with carbon fiber, exceptionally valued by weavers around the world for its highest performance without center support.

Finally, weavers can acquaint themselves with the revolutionary plastic heddle, called Eco Weave, especially for the water jet weavers.

Besides the high-quality heddles, frames and drop-wires, GTP also offers specialty reeds and relay nozzles for niche markets.

GTP will be available to attend all visitors to their booth B03 hall E4 E4, where their accessories specialists will assist all weavers further in the selection of the best solution for their weaving application.



### GTP ... the true Textile Partner

With over 110 years of expertise in developing innovative weaving accessories for technical textiles and other textile segments such as leno and narrow fabric, GTP helps weavers to get the best performance out of their loom in a cost-efficient matter. With more than 2000 valued customers around the globe and sales & service offices in the biggest textile markets worldwide, GTP proves to be a true partner.

More information on the complete GTP product range is available on [www.globaltextilepartner.com](http://www.globaltextilepartner.com). ♦

