



Press Release
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PICANOL AT ITMA ASIA + CITME 2008

Picanol will display six high-tech weaving machines on its stand at ITMA Asia + CITME 2008, which takes place from 27 to 31 July 2008 in the New International Expo Center at Shanghai, China. One Picanol Jacquard rapier weaving machine will be on display at the Stäubli booth.

In the month of May, Picanol launched a campaign challenging Chinese weavers to see for themselves how much they could be saving on energy costs. At ITMA Asia + CITME each weaver who has taken part in the campaign can collect a report with personalized results and energy saving tips.

ITMA ASIA + CITME 2008

ITMA Asia – Asian International Exhibition of Textile Machinery – and CITME – China International Textile Machinery Exhibition – are two of the most influential trade shows for the Asian textile industry. The integration of these two well-established exhibitions into one mega show will surely have a unique appeal for both visitors and exhibitors. Taking off in Shanghai in July 2008, ITMA Asia + CITME is scheduled to take place every two years. It will surely become part of the cycle of worldwide events that includes the four-yearly ITMA shows in Europe, and follows on from the previous ITMA Asia events in Singapore in 2001 and 2005, and the series of 10 CITME shows held in Beijing, most recently in 2006.

Picanol weaving machines on display at ITMA Asia + CITME 2008

It is obvious that Picanol will present all its latest weaving technology at ITMA Asia + CITME 2008:

GT-Max 6-R 190

Rapier weaving machine

Style	shirting	
Warp	yarn count	Ne 80/2
	material	cotton
	density	56 ends/cm
Weft	yarn count	Ne 56/1
	material	cotton
	density	28 picks/cm
Drawing-in width	158 cm	

Special features: guided-gripper insertion system, Sumo main motor, Elsy selvage motion, Quick Step filling presenter

OMNIjet 4-P 190

Airjet weaving machine

Style	denim	
Warp	yarn count	Ne 7.8
	material	cotton
	density	24 ends/cm
Weft	yarn count	Ne 5.8
	material	cotton
	density	17.5 picks/cm
Drawing-in width		169 cm

Special features: Sumo main motor, 4-color insertion, Neuenhauser batching motion

OMNIplus 800 2-P 340

Airjet weaving machine

Style	sheeting	
Warp	yarn count	Ne 40
	material	cotton
	density	50 ends/cm
Weft	yarn count	Ne 80
	material	cotton
	density	28 picks/cm
Drawing-in width		320 cm

Special features: Adaptive Relay Valve Drive, air tucking-in with continuous reed, hybrid harness frames without center brace, 4-pick insertion, easing motion, automatic full pickfinding

OMNIplus 800 4-P 190

Airjet weaving machine

Style	lining	
Warp	yarn count	dtex 72/36
	material	polyester
	density	35 ends/cm
Weft	yarn count	dtex 76
	material	polyester
	density	22 picks/cm
Drawing-in width		150 cm

Special feature: high speed

OptiMax 6-R 220

Rapier weaving machine

Style	worsted	
Warp	yarn count	Nm 72/2

	material	wool
	density	26 ends/cm
Weft	yarn count	Nm 90/2
	material	wool
	density	29 picks/cm
Drawing-in width		175 cm

Special features: Free Flight insertion, tucking in, Quick Style Change with split frame, Picanol knot extractor, fabric lightening, interactive display

TERRYplus 800 6-R 260

Airjet weaving machine for terry

Style	terry	
Warp	top beam	Ne 20/2
	ground beam	Ne 24/2
	material	cotton
	density	23.1 ends/cm
Weft	yarn count	Ne 14/1
	material	cotton
	density	18-136 pick/cm
Drawing-in width		249 cm

Special features: electronically driven cloth fell movement, ultra-light compensation roller, pile height control, needle roll control

OptiMax 8-J 190

On the Stäubli booth

Rapier weaving machine with jacquard

Style	upholstery	
Warp	yarn count	dtex 167/f 48
	material	polyester texturized
	density	66 ends/cm
Weft	yarn count	Nm 60 -> Nm 1.2
	material	various
	density	WPS pattern
Drawing-in width		148 cm

Special features: rewinder Igl - progress, mechanical filling cutter, Free Flight insertion with race board, insertion blowing system, upper shed retainer, Sumo with Optispeed, interactive display, electronic leno system

Energy – Your challenge, our solution

Energy efficiency is one of the highest priorities for weavers when buying new weaving machines. In the month of May Picanol launched a large-scale campaign to challenge weavers in the Chinese market to see for themselves how much they could be saving on energy costs. All they have to do is fill in a few details about their current machinery and usage on the dedicated website

www.picanol.com.cn/energychallenge. In just a few moments the website calculates just how much more the weaver could be getting out of his energy. In most cases savings on energy costs of up to 20% or more are to be expected.

Personalized report for weavers at ITMA Asia + CITME

Weavers who have filled in the form on www.picanol.com.cn/energychallenge can collect a personalized report on the Picanol stand at ITMA Asia + CITME 2008. The report contains the results of the calculations and a set of guidelines for the weaver to get the most out of his energy, personalized to his own machine configuration and machine usage. In this way, Picanol want to assists its Chinese customers to get the most out of their energy.

Energy efficiency really affects the bottom line

Recent independent market research has concluded that the majority of weavers rank energy consumption among the top five criteria when buying a new weaving machine. Around 74% of those surveyed found electricity costs related to machine operation and air compression to be the most important external cost factors when evaluating the efficiency of their installed machines. 76% regard energy costs as the single major challenge with respect to cost control over the next 5 years.

Picanol's customers understand all too well that energy efficiency really affects the bottom line of their business, and it is one of their main concerns when looking for new machines. Equally, it is of great concern to Picanol when designing them.

Picanol weaving machines are highly energy-efficient

All Picanol weaving machines have various high-tech features that reduce energy consumption in a unique way:

- the highly energy-efficient Sumo main motor, which drives the weaving machine directly, without belt of clutch and brake
- less heat dissipation, which reduces the cost for air conditioning in the weaving mill
- removing heat with water cooling system (patented)

Specifically in Picanol airjet weaving machines:

- fixed and movable main nozzles for very high performance and minimal air consumption
- new relay nozzles and valves for minimal air consumption
- Adaptive Relay Valve Drive, which automatically adapts the relay nozzle settings to the behavior of the filling yarn during insertion
- Autospeed, which adjusts the machine speed to the air-friendliness of the filling yarn
- Picanol Catching Device (patented), which reduces the requirement for the relay nozzles to keep the filling yarn stretched, and thus further reduces the air consumption

About the Picanol Group

In recent decades, the Picanol Group has evolved from a traditional weaving machine builder to a worldwide supplier of total solutions for the textile industry as well as for other industries.

The group implements an active innovation policy and aims to invest up to 5% of its turnover in research and development every year. Three core divisions focus on the group's target markets:

*- **Weaving Solutions** (Picanol) develops, manufactures and sells high-tech weaving machines, based on air (airjet) or rapier (rapier) technology. It supplies weaving machines to weaving mills worldwide, and also offers its customer such products and services as training, upgrade kits, parts and service contracts. Picanol also markets accessories via GTP (Global Textile Partner), Steel Heddle, Burcklé and Te Strake Textile. For more than seventy years, Picanol has played a pioneering role in the industry. Today, it is a world player in the weaving machine industry.*

*- **Mechatronics** applies itself through PsiControl Mechatronics and Melotte to the design, the development, the manufacturing and support of technological components, services and mechatronical system solutions for original equipment manufacturers in various industries. The Mechatronics business pillar will be further expanded in order to develop new activities as well as to offer integrated technological solutions to customers in various industries.*

*- **Manufacturing** comprises all foundry activities (Proferro) and the group's mechanic finishing activities. Manufacturing's ambition is to offer the customer engineered casting solutions for middle to large series in a value-driven partnership in the long term. Next to the head office in Ypres (Belgium), the Picanol Group has production facilities in Asia, Europe and the United States, linked to its own worldwide service and sales network. In 2007, the Picanol Group realized a consolidated turnover of 413.04 million euros. The Picanol Group employs 2,342 employees worldwide (on 31 December 2007) and is listed on Euronext Brussels (PIC).*

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