



Press Release
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PICANOL AT INDIA ITME 2008

Picanol will display four high-tech weaving machines on its booth at INDIA ITME 2008, which takes place from 15 to 22 November 2008 in the Bangalore International Exhibition Centre (BIEC) in Bangalore, India. In addition to these four looms, one Picanol Jacquard airjet weaving machine will be on display on the Stäubli booth, and another Picanol weaving machine will be on display at the Van De Wiele booth.

In the month of May, Picanol launched a campaign challenging weavers all over the world to see for themselves how much they could be saving on energy costs. At INDIA ITME 2008 each weaver who has taken part in the campaign can collect a report with personalized results and energy saving tips.

INDIA ITME 2008

The India International Textile Machinery Exhibition 2008 (INDIA ITME 2008) is to be held in the brand new premises of the BIEC at Bangalore. The main purpose of the organizers is to update India's textile and allied industries on the technological innovations and progress taking place in the manufacture of machines and accessories. ITME 2008 is the largest exhibition of its kind in India and is expected to attract over 1,25,000 textile visitors. It is obvious that Picanol will take the opportunity to present all its latest high-tech weaving machines to the Indian market at ITME.

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 worldwide 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.be/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 ITME

Weavers who have filled in the form on www.picanol.be/energychallenge can collect a personalized report on the Picanol stand at INDIA ITME 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 wants to assist its 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 or 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

Picanol weaving machines on display at ITME

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 selvedge 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

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

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

OptiMax 8-J 190

On the Vande Wiele booth

Rapier weaving machine with jacquard

Style	upholstery	
Warp	yarn count	denier 84
	material	polyester
	density	66 ends/cm
Weft	yarn count	Polyester denier 150, 330 Lurex Chenille Nm5,3
	density	49-60
	Drawing-in width	130 cm

Special features: rewinder IRO: chrono X2 + luna X2, mechanical filling cutter, Free Flight insertion with race board, insertion blowing system, upper shed retainer, Sumo with Optispeed, interactive display, electronic leno system

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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