

ADVANTAGES		APPLICATIONS
1	<p>EXTREMELY VERSATILE AND MODULAR</p> <p>Quantum 2 has been designed to be fully flexible and personalized on-site, directly by the user according to the need of-the-moment. Features can be adjusted in order to manage multiple and evolutive needs, and adapt to every kind of specific demand.</p>	<ul style="list-style-type: none"> > Monochrome & color printing of pictures, texts and barcodes > Single & dual-sided personalization > Cards from 30 to 40 mil / 0.76 to 1 mm > Multiple encoding (Mag, Smart contact and contactless). > Multi-connectivity: USB & Ethernet ports are delivered as standard. > Users can directly plug their own encoder thanks to the connecting board accessible to the operator. The full encoding module is also reversible in one simple movement.
2	<p>PRODUCTIVE AND PERFORMANT</p> <p>With Quantum, throughput is the key word! The machine is divided into separate modules in order to speed up the process and manage different tasks (printing and encoding) at the same time. Quantum ensures a speed of 1000 cards / hour in monochrome full card and 150 cards / hour in color.</p>	<ul style="list-style-type: none"> > Automatic card pre-loading speeds up the personalization process > 2 separate modules manage simultaneous processes of printing & encoding > The mag/smart encoding unit is reversible in order to print and encode the card without flipping it. > High capacity hoppers give a full autonomy of 500 cards. The hoppers are detachable and interchangeable, and a third hopper is available as an accessory, in order to manage different types of cards. You can also load and withdraw cards without having to detach the hoppers and stop the printer (not possible on the model with locking system), allowing you to reduce handling times. > High capacity ribbon (up to 3000 monochrome cards and 500 color cards) and a system of alerts to the operator are a way to prevent or anticipate any downtime.
3	<p>RELIABLE, QUALITATIVE AND SECURE</p> <p>Quantum has been designed to ensure high reliability. Components have been selected to allow high volume batches, and a new cleaning process and a hermetic cover ensure protection against dust.</p>	<ul style="list-style-type: none"> > The printer delivers HQ card personalization thanks to the Evolis market-proven printing module. > Manual adjustments are performed to every machine in order to ensure high quality printing and encoding. > The machine is entirely protected against dust. The metal body and the sensitive wear parts of the hoppers ensure solid robustness. > Card transport has been optimized from loading to stack. > The cleaning system with top & down rollers ensures perfect cleanliness of both sides of the cards and guarantees high quality output and long print head life. > Defective encoding cards are placed in the reject box > An optional locking system protects the full system.
4	<p>CONVENIENT, EASY TO USE AND TO SERVICE</p> <p>Quantum is fully user-oriented. All mechanical and electronic concepts have been studied to ease and speed daily use and maintenance.</p>	<ul style="list-style-type: none"> > Hoppers can be put in place and removed in a jiffy. > Ergonomic and wide opening systems allow loading cards & ribbons easily. Access to all the areas requiring cleaning and attention on a regular basis has been optimized. > LCD provides notification of the remaining cards before cleaning, and gives an alert when hoppers are almost empty or full. It also gives the user the capability to issue card(s) into the reject box instead of the stacker for test purposes. > Cards are sorted out in the order of printing.
5	<p>COST EFFECTIVE</p> <p>Thanks to a combination of innovative concepts, Quantum is a unique product in the market, able to compete with desktop printers as well as with industrial machines.</p>	<ul style="list-style-type: none"> > Its price positioning combined with its features makes it very affordable and with no direct competition. > The monochrome and color cost per card is the most competitive in the market, in particular thanks to the dedicated high-capacity ribbons. > Thanks to a minimum investment for the printer and a highly competitive cost per card, Quantum ensures the best Return On Investment of the Central Issuance market.