

DPR is pleased to introduce Pisces, the new digital laser label cutter & laminator, high performance at low investment.

Laser cutting is a tool-free process that uses vector-based digital images imported by operator software to direct the laser beam.

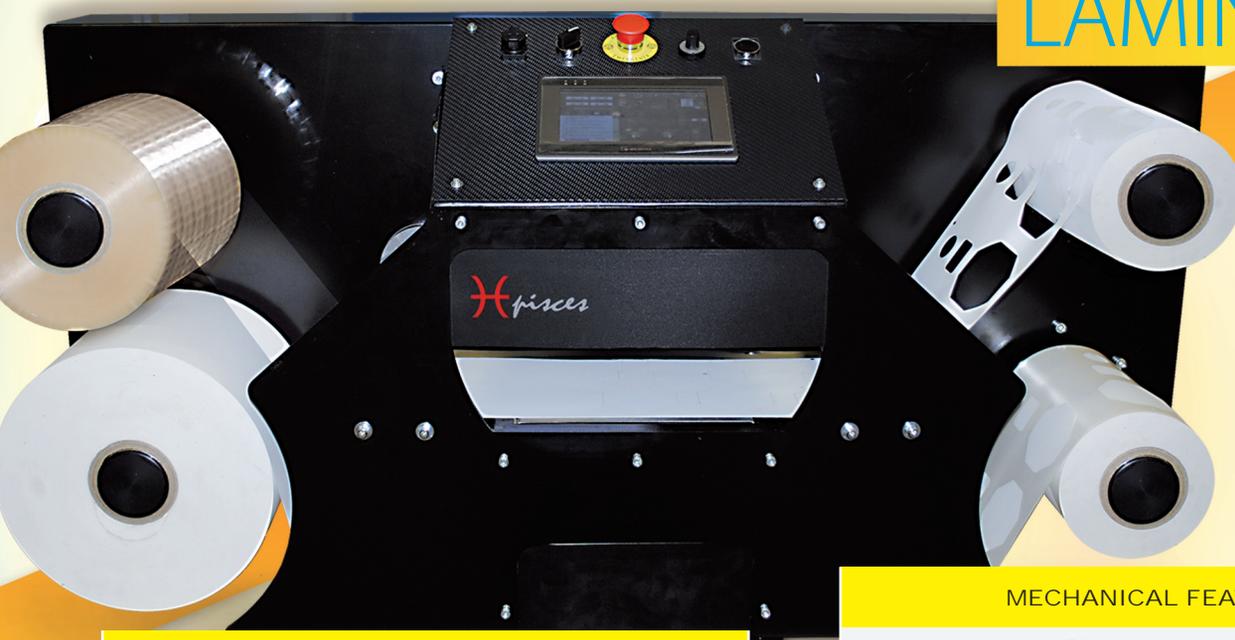
Instead of hard-tooled or flexible steel dies, Pisces utilizes digitally-controlled a laser beam. With Pisces you'll never have to buy a die or wait for it to be made and delivered. Your turnarounds will be faster and the time and cost savings are significant.

*Benefits:*

- High quality product at a low initial investment
- No melting of adhesives from label edge
- No Tooling Costs
- Any complex geometry, Small angle cuts, sharp corners, etc.
- All set-up and operation is controlled through an integrated touch screen
- No burn through marks or discolorations



# DIGITAL LASER LABEL CUTTER & LAMINATOR



### LASER FEATURES

- LASER SOURCE:** SEALED CO<sub>2</sub> HIGH SPEED TECHNOLOGY
- LASER LIFE:** 10.000 HOURS
- COOLING:** H<sub>2</sub>O CLOSED CIRCUIT
- REGISTRATION:** X AND Y
- FINAL FOCUS SPOT SIZE:** <250 UM
- WAVELENGTH:** 10.57-10.63 UM
- MAX. CUTTING SPEED:** 60 M/MIN.
- MAX. ACCELERATION:** 4G
- TYPE OF MEDIA:** PP, PET, COATED PAPER, WOOD, ACRILIC
- TYPE OF CUT:** HALF/FULL CUTTING, MARKING, BRAILLE, PROGRESSIVE NUMBERING, BARCODE
- WORKING MODE:** ROLL-TO-ROLL OR SHEET
- CUTTING MODE:** START&STOP

### ELECTRICAL FEATURES

- INPUT:** 40 WATT
- POWER SUPPLY:** 240V 50/60 Hz

### MECHANICAL FEATURES

- MAX. MEDIA WIDTH:** 250 MM
- WORKING AREA:** 240x230 MM
- MAX. ROLL DIAMETER:** 320 MM
- LASER SIZE:** 1400x650x600 MM
- IRON TABLE:** INCLUDED
- TOTAL WEIGHT:** 230 KG
- LONGITUDINAL CUTTER:** UP TO 5 KNIFES
- MATRIX REMOVER - COLD LAMINATOR**

### SOFTWARE FEATURES

- MEDIA TENSION:** CONSTANT AND ADJUSTABLE
- STEP CHECKING:** ELECTRONIC BY CENTISEMAL MOVEMENT
- OS:** WINDOWS
- IN-PUT ARTWORK:** VECTOR GRAPHIC FILES DESIGNED BY COREL DRAW, AUTOCAD AND ILLUSTRATOR
- DATA CONNECTIVITY:** ETHERNET 10/100, USB 2.0

### OPTIONALS

- EXTRACTOR FAN AND FLUE GAS SCRUBBER