

efi REGGIANI ReNOIR PRO

Digital Printing Machine for Direct Printing on Fabric

Achieve PROductivity and quality
without compromise.



Digital excellence

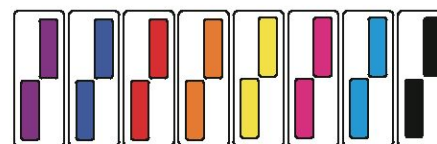
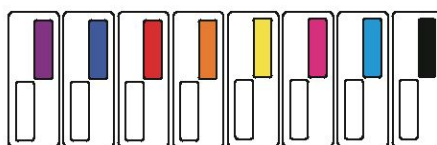
High-performance industrial digital printing machine with a maximum printing width of 340 cm, ReNOIR PRO guarantees extreme flexibility, large productivity, and high efficiency to the printing market ensuring the optimal print quality.

APPLICATIONS	
Fashion	✓
Home textile	✓
Automotive	✓
Outdoor	✓
INKS	
Disperse direct	✓
Reactive	✓
Acid	✓
Disperse sublimation	✓
Textile pigment	✓

SUBSTRATES	
Cotton	✓
Blends	✓
Polyester	✓
Polyamide	✓
Silk	✓
Viscose	✓
Polyester and elastane	✓
Polyamide and elastane	✓
Wool	✓

RESOLUTION	PASS	PRO 180 cm		PRO 240 cm		PRO 340 cm	
		LMH	SQMH	LM/H	SQM/H	LM/H	SQM/H
300x600	1	360	600	300	700	250	800
400x600	1	300	520	260	600	220	700
600x600	1	225	380	190	430	155	490
600x1200	2	220	370	185	420	150	475
800x1200	2	165	280	140	320	115	360
600x2400	4	105	180	90	205	75	230
1200x2400	4	105	180	90	205	75	230





Specifications

- 180-240-340 cm printing width
- Production speed
(max) 600-700-800 sqm/h
- From 8 to 16 printing heads
- From 4 to 72 pl drop size
- Up to 2400 DPI
- Fabric weight from 30 to 450 gr/sqm
- Fabric feed (Entry):
- small roll unwinder up to $\varnothing$ 400 mm
- Fabric take-up (Exit):
- fold
- small roll winder up to $\varnothing$ 400 mm
- fold and small roll winder up to $\varnothing$ 400 mm
- Dryer:
- one industrial chamber

Optional

- Fabric feed (Entry):
- big roll unwinder (A frame) up to $\varnothing$ 1,600 mm
- fold
- segmented roller
- Fabric take-up (Exit):
- big roll winder (A frame) up to $\varnothing$ 1,600 mm
- Dryer:
- additional industrial chamber

* Further colour configurations available



Features

- Ink management: in line double degassing and filtering
- Blanket washing: continuous, switchable. With air blade
- Adhesion method: permanent, thermoplastic, resin or electrostatic bars
- Air blade for optimal substrate adhesion
- Color feeding: Reggiani Dyespenser® (10L)
- Embedded system for adhesive application
- Dynaplast: Reggiani patented system
- High-precision transportation belt
- Full variable drop size
- **High-efficiency dryer with removable filters for cleaning**
- Ups on board for uninterruptable power supply, raid disk for data redundancy, and automatic backup, embedded diagnostic with database integration
- Head crash protective system
- **High-efficiency head wiping**
- Ink recovery system (improved)
- Curing: in line polymerisation/heat curing dryer
- Real time image processing (optional)
- Bypass for fumes extraction during in-line curing (optional)
- Ink system open to certified suppliers

Advantages

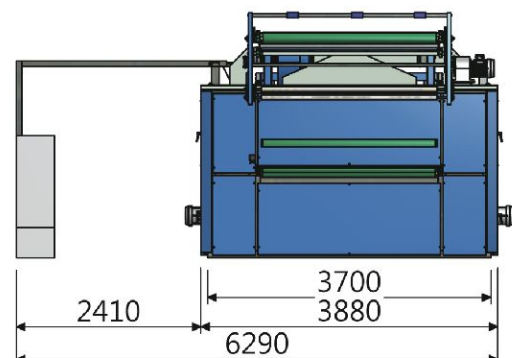
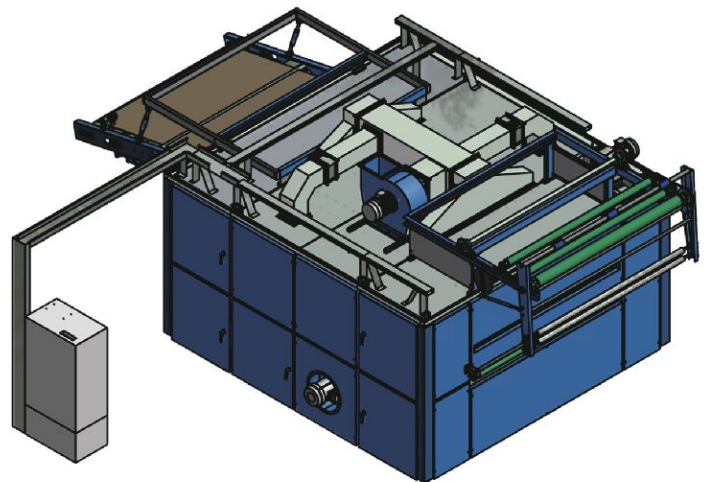
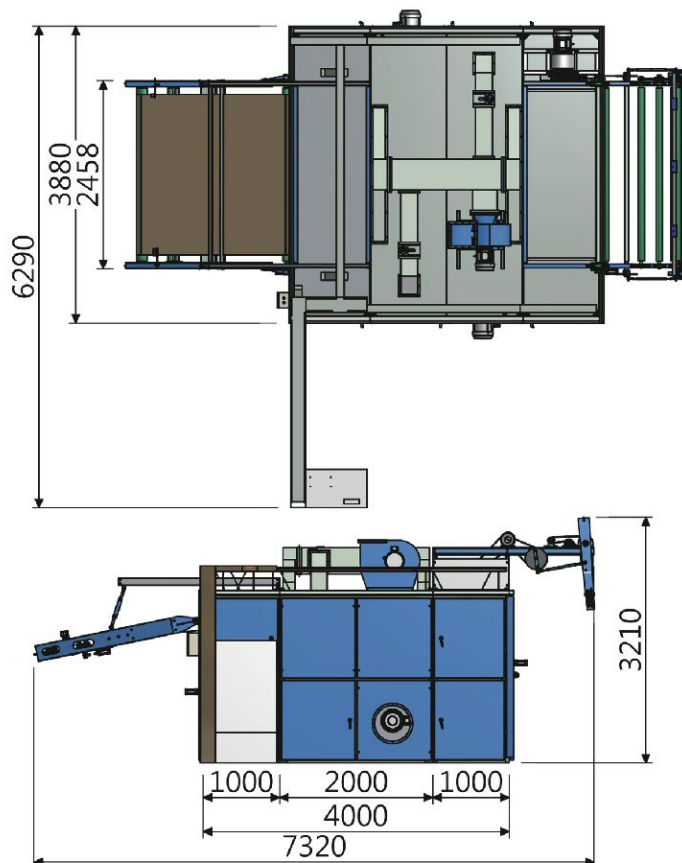
- For use in both sampling and production
- Multiple customisations available
- Quick answer to production requests
- No need of head alignment
- Low maintenance costs
- Lowest ink usage
- Easy maintenance
- Easy access to main machine modules
- Easy to use
- Easy colour refill
- Easy operation
- Suitable for 24/7 operation
- One operator can manage multiple machines

Improvements

- **New high-efficiency dryer**
- New design
- New electronic and user interface. Diagnostic embedded
- New blade print server with UPS
- New enhanced ink recovery system, up to 95% of ink saving

D-8E

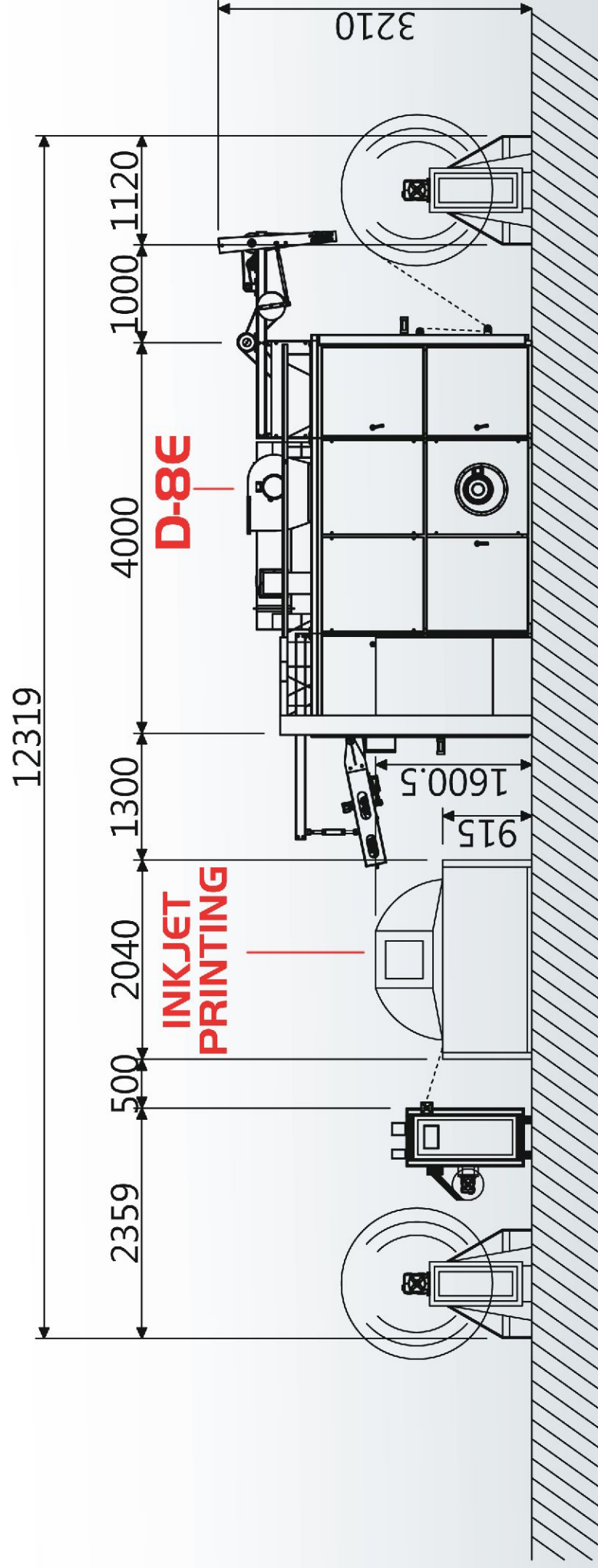
DIGITAL PRINTING DRYER FOR INKJET PRINTER



數位印花專用乾燥機

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Schematic





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