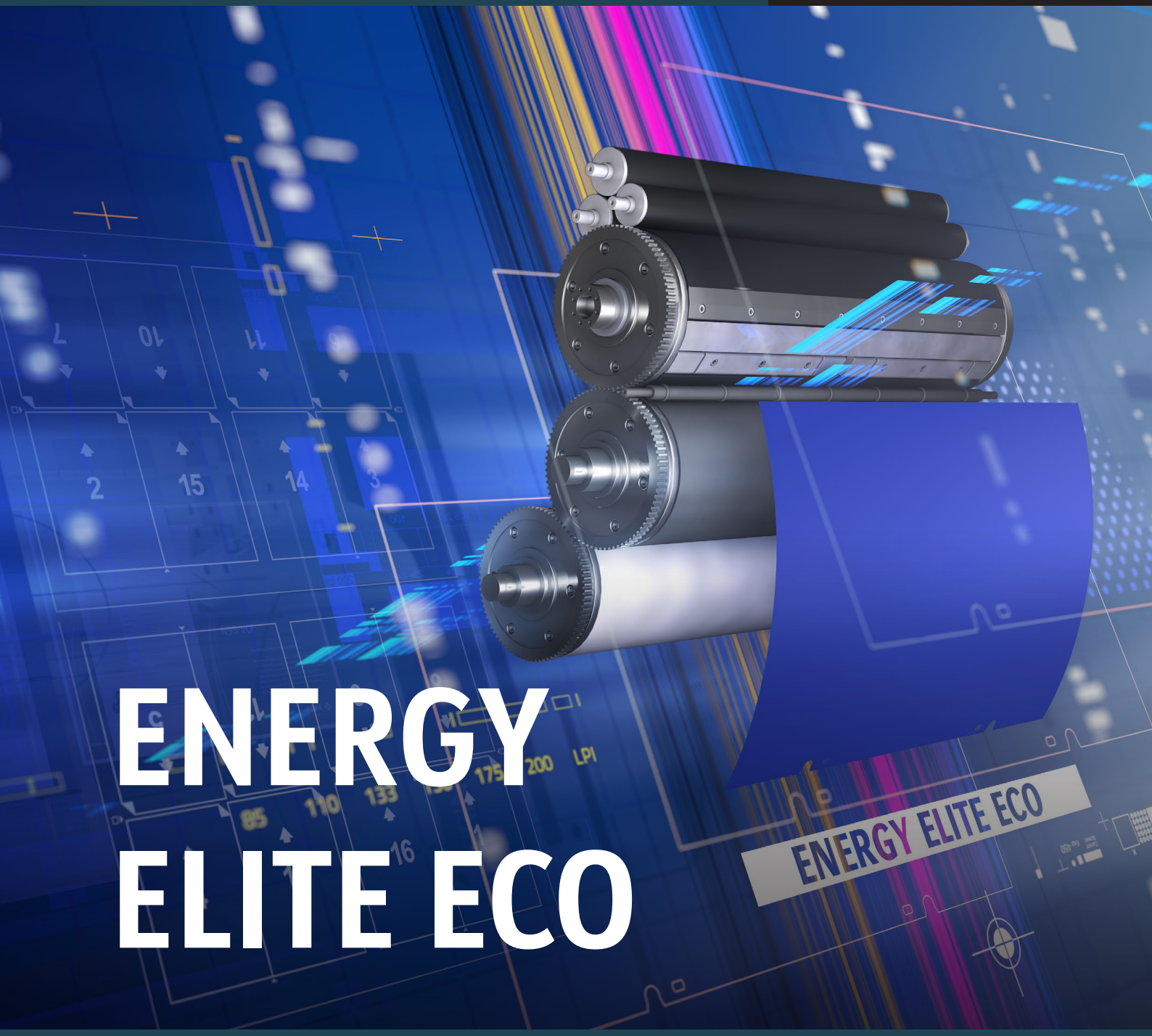


ENERGY ELITE ECO

Robust, no-bake thermal printing plate delivering quality and efficiency for sheetfed and web printing

Even in harsh environments, Energy Elite Eco does not compromise when it comes to premium, photorealistic imaging quality. It sets new standards regarding productivity, sustainability, economy and convenience. Energy Elite Eco is part of ECO3's fully integrated prepress solutions that come complete with CtP, processor, screening technologies and workflow software.

YOU PRINT. WE CARE.

Supreme, photorealistic imaging quality

The Energy Elite Eco thermal plate enables you to create durable, photorealistic images with 340 lpi Sublima and FM20 screening technologies. It offers consistent quality printing at 1-99% dot resolution without dot loss. The plate technology enables a wide press latitude in sheetfed, heatset and UV packaging printing. Energy Elite Eco enables you to achieve results faster while producing less waste.

The ideal match for Arkana

Energy Elite Eco perfectly fits into the ECO3 philosophy, designed with a dedication to ecology, economy, and extra convenience. Using standard processors, the printing plate significantly reduces waste and chemical use. Combine Energy Elite Eco with Arkana smart plate processing technology to eliminate the need for rinse water, lower replenishment rates and simplify maintenance.

PLATE CHARACTERISTICS		
Plate type	Positive-working, digital thermal offset plate	
Substrate	High-quality grained and anodized aluminum	
Spectral sensitivity	830 nm thermal	
Energy	100 mJ/cm²	
Platesetter compatibility	Accredited for most common 830 nm platesetters	
Plate sizes	Length: 450-2080 mm - Width: 480-1590 mm	
Image contrast	Excellent. The plates can be measured with all available densitometers and plate readers.	
Resolution	ABS: 1-99% at 200 lpi at 2400 dpi Sublima: 1-99% at 340 lpi at 2400 dpi FM: 20 µm	
Gauges	0.15, 0.20, 0.24, 0.30, 0.35 and 0.40 mm (0.006, 0.008, 0.010, 0.012, 0.014 and 0.015")	
Run length	Up to 300,000, Up to 100,000 with UV inks, Up to 50,000 with LED-UV inks	
PROCESSING	Arkana smart processing unit	Conventional thermal processor
Developer	Arkana Pro developer & replenisher	THD400 developer & THR400 replenisher
Rinse water	Not applicable	Standard
Gum	Arkana gum	Unifin Plus
Bath life	15,000 m²	15,000 m²
Replenishment	19 ml/m² and 20 ml/h	40 ml/m² and 30 ml/h
ENVIRONMENT		
Room lighting	Daylight	
Room conditions (T, RH)	18-24 °C (64-75 °F), < 70% RH	
Storage conditions	Below 32 °C (90 °F), < 70% RH	
ECO3 OPTIMIZED PRESSROOM SUPPLIES		
Plate cleaner	ANTURA CtP Plate Cleaner	
Washout gum	ANTURA CleanGum	
Machine finisher	Unifin Plus, Arkana gum	
Baking gum	ANTURA Baking Gum	
Storage gum	ANTURA Storage Gum	
Fountain solutions	Energy Elite Eco is compatible with all ECO3 fountain solutions	
IPA	ANTURA IPA 100	
Roller and blanket washes	Energy Elite Eco is compatible with all ECO3 roller and blanket washes	

ECO3.com ECO3 is committed to continuous innovation that targets ecology, economy and extra convenience. Our solutions are designed to deliver higher productivity, lower costs and greener outcomes.

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