



Product: Durst Rho 160 and Rho 205
Application: Large-format printing onto flexible and ridged materials
Printhead: Spectra® Nova PH 256/80 AAA
Ink Type: UV curable
Jets Per System: 4096
Printhead Features: High-jetting frequencies, excellent image quality

customer profile



Headquarters - Brixen, Italy



Nova PH 256/80 AAA



Durst Rho 160

"Our awarding winning Rho 160 is a remarkable high performance printer, sold to a demanding clientele. Early on, and after extensive evaluation and testing, we chose Spectra Nova printheads for their reliability, ability to jet at high frequencies and sustain throughput. It's a decision we're glad we made."

*Dr. Richard Piock
Managing Director, Durst Phototechnik AG*

Durst Phototechnik AG founded in 1929, it is a worldwide leader in the manufacture of digital imaging systems for graphics, pre-press and photographic applications. Since its founding over 70 years ago, it has won acclaim by offering innovative, reliable, advanced solutions to its loyal and new customers around the world.

Durst products are shipped to over 100 countries from its central facilities in Brixen, Italy and Lienz Austria.

Among its many products include the Durst Rho 160 UV and Rho 205 UV, digital flatbed ink jet printers with well over a hundred systems installations.

Recently, Durst introduced its newest digital printing innovations, the Rho 160 Plus, Rho 160 W and Rho 205. The Plus unit offers increased productivity while W indicates white ink capability. The 205 is entry level machine offering improved price/performance ratio. Important to note, is the company's design philosophy that allows current system owners to take full advantage of new features and enhancements. Through software and hardware upgrades, units can be upgraded to the latest capability thus preserving the integrity of the owner's original investment.

The Rho 160 W Plus is drawing acclaim as the world's first production ink jet printer/press to offer white ink capability at production speeds up to 850 square feet per hour. This important new feature opens many new options and applications for commercial photo labs, silkscreen printers, sign shops and commercial packaging printers.

While 4-8 color printers are commonplace, the use of white ink on digital large format printing systems was unavailable until now. The systems white color mode is versatile as well. User can select white as a background color, as a spot color, as a filler color or beneath a spot color to enhance its vibrancy. All very important considerations in flexible packaging printing, printing onto dark substrates, and printing onto transparent films, to name a few.

The relationship between Durst and Dimatix began in early 2000 with the initial design and development of the first Rho printer and continues to be as strong as ever.