SELECTSET

AVANTRA 30

Imagesetter Family

True 4-up imagesetting solutions

The SelectSet Avantra 30 family of imagesetters offers printers and prepress professionals an option when choosing a 4-up imagesetting solution — the value of the SelectSet Avantra 30E or the maximum quality of the SelectSet Avantra 30. Both offer a generous 30 x 25" (762 x 635 mm) format that is ideal for 4-up work printed on the world's leading presses. This format is significantly larger than competitive 4-up imagesetters, so it can accommodate color bars and punch marks. For printers and others, the SelectSet Avantra 30 family's combination of speed, format, and punch capabilities makes it the best 4-up imagesetting choice in the market.

AGFA

The complete picture.

Meet the SelectSet Avantra 30 imagesetters

The award-winning SelectSet Avantra 30 family includes the economical SelectSet Avantra 30E and the high-quality SelectSet Avantra 30.

Printing Press	Plate Format (mm)	Plate Format (inch)
Komori Lithotrone 28	600 x 730	23.6 x 28.7
MAN Roland 200	605 x 740	23.8 x 29.1
MAN Roland 300	584 x 736	23 x 29
Heidelberg Speedmaster 72	615 x 724	24.2 x 28.5
Heidelberg Speedmaster 74	605 x 745	23.8 x 29.3
Agfa SelectSet Avantra 30	625 x 762	25 x 30

Both Agfa SelectSet Avantra 30 models — SelectSet Avantra 30E and SelectSet Avantra 30 — boast the fastest engine speed of the entire SelectSet Avantra family. They both feature the same special 30,000-rpm spin motor, the largest factor for determining performance. At this rate, you can output more than 30 flats per hour at 1200 dpi. Your SelectSet Avantra 30 imagesetter can keep pace with today's rapid digital workflow. And it keeps your presses running with the highest-quality films in the fastest time possible.

A format that lets you create plate-ready output

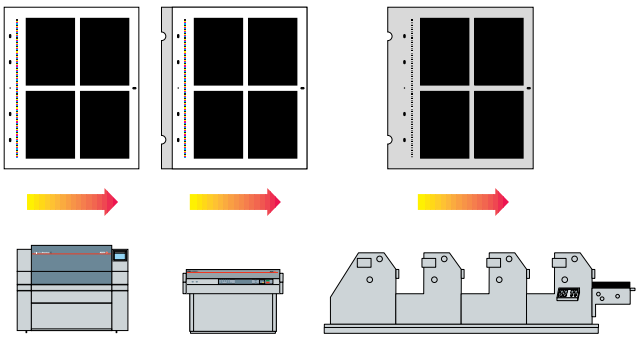
SelectSet Avantra 30 imagesetters bring prepress and press closer than ever before by providing plate-ready films straight from the imagesetter. This capability eliminates stripping, taping, and masking — and the costs and delays associated with these time-consuming steps. Since both SelectSet Avantra 30 models have a generous format that leaves room for color bars and punch marks, films can go directly to the contact frame without additional production steps.

Building on the SelectSet Avantra heritage

Both SelectSet Avantra 30 models include the features that have made the SelectSet Avantra family so popular. IntelliTrack,™ Agfa's patented transport system, ensures precise motion and consistent, artifact-free output. OptiSpot™ technology adjusts the spot size to eliminate dot gain, even at the highest resolutions. OptiFocus™ automatically adjusts the system to accommodate different media thicknesses, and FlexMedia™ lets you use any width media, eliminating waste. Both models provide remarkable repeatability. And both are extremely easy to operate, with a user-friendly touch-screen control panel and an extremely ergonomic design. And they seamlessly integrate with an optional SelectSet Avantra OLP on-line processor.

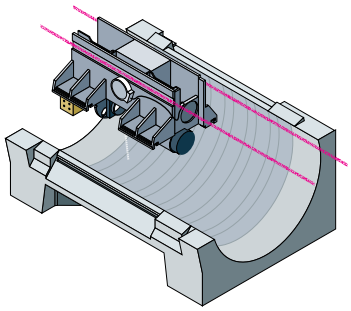
Supporting the move to an all-digital workflow with Setprint

Each member of the SelectSet Avantra 30 family can handle a range of media thicknesses — including 4 mil and 8 mil—allowing output of both film and Setprint polyester plate material. So any model can double as a platesetter in a turnkey SelectPlate polyester platesetting configuration. A SelectSet Avantra 30 imagesetter can expose 4-up Setprint polyester plates at resolutions up to 150 lines per inch for short run offset process color work and offers tremendous business opportunities for spot color and black-and-white applications. And for longer runs, it can output film at higher line screens. A Setprint configuration offers a low-risk, flexible way to begin to benefit from streamlined computer-to-plate output, while putting an all-digital workflow in place.



For printers, SelectSet Avantra can raise productivity significantly. The 25 x 30" (635 x 762 mm) format of SelectSet Avantra 30 enables users to produce plate-ready films that require no addition stripping or masking before going straight to plate production. The punch is on the 30" (762 mm) side of the film — exactly where commercial printers want it to be. You save time, labor, and materials.

	Avantra 30E	Avantra 30
Imaging area	29.7 x 25" (754 x 635 mm)	29.7 x 25" (754 x 635 mm)
Resolution	1200, 1800, and 2400 dpi	1200, 1800, 2400, and 3600 dpi
Spot sizes	20µ, 15µ	20µ, 15µ, 10µ, 7.5µ
Imaging speed	625 sq."/min.(4032 cm²/min.) at 1200 dpi	625 sq."/min.(4032 cm²/min.) at 1200 dpi
Maximum line screen	200 lpi (78 lines/cm)	425 lpi (167 lines/cm)



Agfa's patented IntelliTrack™ transport mechanism keeps the optical system traveling smoothly along the entire imaging path.

Options that fit your needs and match your budget

With the SelectSet Avantra 30 family, there is a model that meets your needs today — the high-value SelectSet Avantra 30E or the maximum-quality Avantra 30. Both output at the same blistering speed, enabling you to choose the level of quality you need, without sacrificing the efficiency gains that can make a real impact on your bottom line. And you can upgrade from the SelectSet Avantra 30E to the higher quality of the SelectSet Avantra 30 when your needs change.

SelectSet Avantra 30E

The economical choice for 4-up imagesetting

SelectSet Avantra 30E responds to the market's need for a 4-up imagesetter at a higher value. SelectSet Avantra 30E offers 1200, 1800, and 2400 dpi resolutions, and enables output at up to a maximum of 200 lpi. It incorporates OptiSpot spot optimization technology at the two lower resolutions.

SelectSet Avantra 30E is the right choice when you need fast imagesetting, but not necessarily the highest level of quality. And it can be upgraded to the higher quality of the SelectSet Avantra 30 via a convenient in-field upgrade.

SelectSet Avantra 30 imagesetters can output Alliance film as well as Setprint polyester plate material, enabling them to double as platesetters.

SelectSet Avantra 30

The printer's imagesetter

The SelectSet Avantra 30 combines the highest quality with the highest speed — all in a convenient 4-up format. This popular system offer four resolutions — 1200, 1800, 2400, and 3600 dpi — with OptiSpot and full linearity at all resolutions. SelectSet Avantra 30 can output at line rulings up to 425 lpi. And it features support for Agfa CristalRaster, Agfa's high-quality stochastic screening solution.

SelectSet Avantra has a proven track record of successful, reliable operation with printers and prepress groups around the world — earning the system a reputation as a high-speed imagesetting powerhouse.

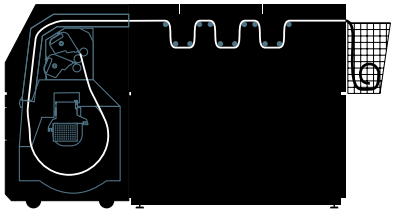
Choose a SelectSet Avantra 30 imagesetter today

There's a SelectSet Avantra 30 imagesetter that meets the needs of your business. And simple system upgrades make it easy to add new capabilities in the future as your needs change and your business grows. When you buy an Agfa imagesetter, you can be sure that this investment will continue to pay off far into the future. And that's just one of the reasons why Agfa has sold more imagesetters than any other manufacturer.

Only Agfa provides comprehensive prepress solutions

As your partner in prepress solutions, Agfa is committed to continually raising the quality of imagesetting with new innovations and capabilities. In addition to imagesetters, we also offer RIPs, screening technologies, media, and on-line processors, and more — allowing us to serve as a single point of contact for your entire prepress operation. And we provide the state-of-the-art service and support that ensure high-quality imagesetting and maximum productivity. For high quality and fast performance — the Agfa SelectSet Avantra 30 family delivers.

Your SelectSet Avantra 30 integrates seamlessly with the SelectSet Avantra OLP on-line processor, bringing the convenience of on-line processing to 4-up imagesetting.



AVANTRA 44E AND 44S

AVANTRA 30E AND 30

AVANTRA 25E, 25S, AND 25XT

ACCUSET 800, 1000, AND 1500

ANTARES 1000 AND 1000 XT

ANTARES 1600

AGFA GALILEO

AGFA POLARIS 100

AGFA MEDIA PRODUCTS

Model	SelectSet Avantra 30E	SelectSet Avantra 30
Imaging Technology	Internal drum, 180°	Internal drum, 180°
Maximum Format Size	30 x 25" (762 x 635 mm)	30 x 25" (762 x 635 mm)
Maximum Image Area	29.7 x 25" (754 x 635 mm)	29.7 x 25" (754 x 635 mm)
Imaging System	Visible red laser diode (650 nm)	Visible red laser diode (650 nm)
Resolutions and Corresponding Spot Sizes	1200 dpi (472 dots/cm) at 20µ 1800 dpi (708 dots/cm) at 15µ 2400 dpi (945 dots/cm) at 15µ	1200 dpi (472 dots/cm) at 20µ 1800 dpi (708 dots/cm) at 15µ 2400 dpi (945 dots/cm) at 10µ 3600 dpi (1342 dots/cm) at 7.5µ
OptiSpot	for 1200 and 1800 dpi	for all resolutions
Maximum Imaging Speeds	DPI / Sq."/min. / cm^2/min. / Full area 1200 dpi 625 4032 1:11 1800 dpi 416 2684 1:46 2400 dpi 312 2013 2:22	DPI / Sq."/min. / cm^2/min. / Full area 1200 dpi 625 4032 1:11 1800 dpi 416 2684 1:46 2400 dpi 312 2013 2:22 3600 dpi 208 1342 3:34
Maximum Line Screen	200 lpi (78 lines/cm)	425 lpi (167 lines/cm) for ABST
Screening Technologies Supported	• Agfa Balanced Screening • Adobe Accurate Screens • Standard PostScript RT Screening	• Agfa CristalRaster • Agfa Balanced Screening • Adobe Accurate Screens • Standard PostScript RT Screening
Media Information Media Types	• Standard Helium-Neon film and paper (Agfa Alliance HN, HNP • Agfa ZHN, ZHNP in North America; Agfa Setprint polyester plates, film)	• Standard Helium-Neon film and paper (Agfa Alliance HN, HNP • Agfa ZHN, ZHNP in North America; Agfa Setprint polyester plates, film)
Computer to Polyester Plate	SelectPlate	SelectPlate
Media Size	Standard Size / RC Paper / Film / Plate 14" (356 mm) • • 16" (406,4 mm) • • 18" (457,2 mm) • • 22" (558,8 mm) • • 23.6" (600 mm) • • 24" (609,6 mm) • • • 26" (660,4 mm) • • • 28.5" (724 mm) • • 30" (762,0 mm) • • User definable: (14"/35,6 cm minimum – 30"/76,2 cm maximum) with FlexMedia	Standard Size / RC Paper / Film / Plate 14" (356 mm) • • 16" (406,4 mm) • • 18" (457,2 mm) • • 22" (558,8 mm) • • 23.6" (600 mm) • • 24" (609,6 mm) • • • 26" (660,4 mm) • • • 28.5" (724 mm) • • 30" (762,0 mm) • • User definable: (14"/35,6 cm minimum – 30"/76,2 cm maximum) with FlexMedia
Media Thickness	4 mil to 8 mil (0,10 to 0,20 mm)	4 mil to 8 mil (0,10 to 0,20 mm)
FlexMedia	Standard	Standard
DualSupply	Standard	Standard
Punch Registration Systems	Choice between Stoesser or Bacher Control 2000 system featuring head and tail punches	Choice between Stoesser or Bacher Control 2000 system featuring head and tail punches
System Options	• Avantra 30 on-line processing system • User-definable punch register system available on request • Modification kit to support 13.3" (33,8 cm) output • Upgrade to Avantra 30 (available Q3 1998)	• Avantra 30 on-line processing system • User-definable punch register system available on request • Modification kit to support 13.3" (33,8 cm) output

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The complete picture.