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ProVision Alliance

The ProVision Alliance is a high-speed, automatic, in-line single-stage bender for singlewide plates with a minimum of 279 mm (11") or doublewide plates with a maximum width of 698.5 mm (27.5"). The ProVision Alliance comes standard with electrical Three Point Edge Registration matched to the CtP sides as well as Vision Registration. It is capable of producing up to 250 singlewide or doublewide plates per hour in Vision and 290 pph with edge registration. A new skin package dresses the bender to look more inline with the Glunz & Jensen Plate processors; this gives any print facility or newspaper production line a clean uniform look to its plate line.

The ProVision Alliance can be special ordered to accept plates up to 1270 mm (50") for commercial applications. Plates are fed head or tail to the left or right via an optional conveyor, then automatically Vision registered by Cognex System controlled fixed dual cameras with an accuracy of +/- 0.0127 mm (0.0005"). Plates are punched (includes up to four punches) and then bent using Glunz & Jensen's unique rotary bend leaf design to perform precise lead and trail plate bends.

The ProVision incorporates the AutoLube Punch System, which automatically lubes the punches to reduce galling and extend the life of the punches.

ProVision Command PC control can be operated from a remote terminal via built-in modem, VPN connection or LAN network. Also included is a network card to transfer the bender's informational data to another system.

New Punch/Bend Centre in Europe

Glunz & Jensen is proud to announce a complete European Sales, Support and Spare Parts Centre with a lead technician for its Punch/Bend equipment. Jan D. Larsen (jdl@glunz-jensen.com) has taken the lead out of Denmark for servicing all Punch/ Bend equipment in Europe. In addition, Mike Ackerman (ma@glunz-jensen.com), Glunz & Jensen's leading expert in punch/bend and press registration lock-ups, has joined the team in Denmark to provide more customer contact and expertise to the European and the Middle Eastern markets.

InterPlater HDX

InterPlater HDX is the high-end generation of the highly recognized InterPlater HD plate processor platform. With the new range of high-end InterPlater HDX plate processors Glunz & Jensen have managed to improve productivity, serviceability and usability. Extensive research and development is the successful X-factor behind the new products.

At a first glance, users will notice several design changes like the new control panel and the hidden cabinet with the electrical components. But beneath the surface of the InterPlater HDX there are numerous and more drastic changes like increase of speed and upgrading of both the developer section and pre-heat oven.

Improvements to enhance performance

The electrical layout and the sections for developing, filter and tubing have all been modified to make servicing easier and less time-consuming. Among the benefits are easy access to the processor, removal and replacement of brush, rollers, spray bars and guides without use of tools, automatic gum cleaning and remote diagnostics.

A redesign of the development section has improved the performance of the processor as well as the development quality. With a productivity of +300 pph and a linear speed of 2.2 m/min the processor matches the performance of the fastest setters. The hot-air circulation ovens are powerful and the touch-screen enhances daily usability.

Targeted specifically at high-end users

InterPlater HDX meets the requirements of modern CtP plates and plate setters from all major plate manufacturers to support high-end newspaper and high-end commercial applications. Now heavy-duty users find an even better and more efficient tool to support their business.

The InterPlater HDX platform is available for the Thermal, and Violet photopolymer applications, but will also support future chemistry-free applications. The platform supports plates up to 85 and 125 mm in width.

InterPlater HDX High Speed

InterPlater HDX High Speed is our new plate processor generation targeted directly at high-end, heavy-duty users requiring very high throughput exceeding 400 plates/hour.

The HDX High Speed is based on the proven HDX platform technology introduced innovative features that enabled higher productivity for newspaper production at a consistent high quality.

A lengthening of the development section allows plates to move faster through the processor, while maintaining the necessary dip-to-nip processing time for each plate. In addition, a new, extremely robust motor has been incorporated in the design, to ensure that the HDX High Speed can offer the reliability that is required for high-end, high-volume plate production.

The processor is designed to meet the specific requirements of polymer CtP plates from the major plate manufacturers to support both high-end newspaper and high-end commercial applications.

InterPlater HDX High Speed sets new processing standards in the market that perfectly match the high demands of quality and precision in the entire printing process.

The InterPlater HDX High Speed platform is available for the Violet photopolymer application and currently supports plates up to 85 mm in width.

System Conveyor

The System Conveyor one in a myriad of solutions from Glunz & Jensen that include plate conveyors, turn units, vertical conveyors and plate stackers designed to automate any plate production facility. It is a low cost, universal, conveyor system suitable for use at the output of a CtP plate setter and input to a CtP plate processor. It is designed with optional components allowing you to configure the compact conveyor to meet specific requirements and transport plates, safely and undamaged, to any location needed. Even though developed with Glunz & Jensen processors in mind, it is also available as a stand alone solution, which can be easily applied to many other devices in the market, i.e., pre- or post-baking plate ovens, rinse-gum units or other plate processors.

The main conveyor module is available for 4-up landscape or 8-up landscape applications. It is supplied complete with belts, motor and built-in power supply, and can be connected to a single phase power outlet, or take power directly from a Glunz & Jensen plate processor.

The versatile System Conveyor can be conveniently hinged onto the entrance of Glunz & Jensen processors, allowing free access to the plate setter by tipping the conveyor upwards. It can also be used as stand alone conveyor with the optional floor stand. For non-light sensitive plate applications, the open conveyor can be operated in a daylight environment, while an optional cover can be installed for light sensitive plate applications.

Not all print facilities are the same, nor are the Glunz & Jensen System Conveyors. Each line is designed to the customer's specifications. Whether it is in conjunction with a "lights out" environment or specialized stacking order and collation of plates, Glunz & Jensen has the solution.

PlateLink Manager

Glunz & Jensen now ties a complete plateline together in ONE communication stream – PlateLink Manager.

With one intuitive inter-connective stream of plate equipment, the operator can use PlateLink Manger to view the operations, functions, capacity status, alarms, troubleshooting guides, and statistical data for: Plate Loader, CtP plate processors (InterPlater HDX, Raptor and Quartz Supreme), Punch/Bend systems (ProVision Alliance and Precision Edge) into ONE communication stream.*)

- Remote viewing for complete "lights out" production
- Easy to view interconnectivity of all the plate making devices
- PlateLink eliminates the need to open individual equipment software packages to view production
- A common stream of information in an intuitive format allowing for quick decisions regarding plate production
- PlateLink Manager streamlines the operation, maintenance and training of the prepress environment

For further information, please contact Mr. Simon Jensen directly at telephone: +45 5768 8189 or mobile phone: +45 5131 6184 or e-mail: sjj@glunz-jensen.com. During IFRA Expo, please visit booth 8480 or phone +45 5131 6184.