

Unit 14 Gateway,  
Industrial Park.  
21 Graniet Road, Jet Park.  
JHB. 1459  
[www.fts4u.co.za](http://www.fts4u.co.za)  
076 258 1176

*Flexo and Technical Services (Pty) Ltd.*  
is a service based company, dedicated to the flexographic industry.  
With a mission statement - *"THE CUSTOMER COMES FIRST"* -  
we always strive to provide the best possible service to our  
customers at the best possible price. Our main goal is to grow  
with our customers and support them in any way possible.  
We are also the exclusive technical and service agents  
for CoolUV LED UV Systems and Bengraphics Flexo Press in  
Southern Africa

Flexo and Technical Services (Pty) Ltd. a name not so new to the Flexographic Industry anymore, so we feel it's the perfect opportunity to re-introduce ourselves to our loyal customers as well as prospective customers.

Our team has vast knowledge and experience from servicing right through to the printing process. We dedicate ourselves in using that to better serve our customers and bring them products to optimize their production. That is why we have a new FTS range on offer.

We have worked closely with well established ODM's to bring you quality and affordable equipment. Anything from the pre-press process, converting equipment to consumables and so much more!

Feel free to contact us for more information or for an obligation free quote.

### **Parts:**

- VARIOUS CONSUMABLES
  - BEARINGS  
(Assorted bearings for all equipment and applications)
  - GEARS
  - SHAFTS
  - SERVICE KITS
  - LATEX TUBES
- ELECTRICAL / ELECTRONIC COMPONENTS
  - PRESS SPECIFIC LUBRICANTS
  - ROLLER RECOVERING
  - GENERAL ENGINEERING
  - OPEN GEAR GREASE

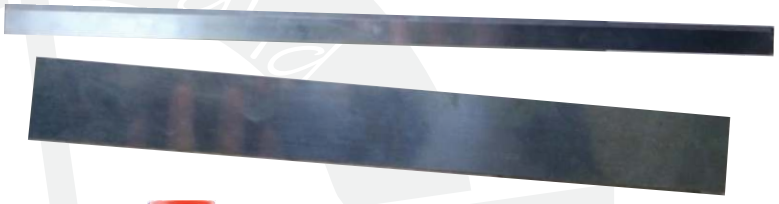
(Our tailor made "What The Flexo" Open Gear Grease is a clear grease that has great cushion ability and adhesion to gears.)

### **Services:**

- GENERAL REPAIRS
- EMERGENCY BREAKDOWNS
- ANNUAL SERVICING
- NEW INSTALLATIONS
  - RETRO FITS
- PRESS / FACTORY RELOCATIONS
- UPGRADES OF DC DRIVES & MOTORS TO VARIABLE SPEED AC DRIVES & MOTORS
  - COOL UV INSTALLATIONS
  - ARC UV SYSTEM REPAIRS
  - TO NAME A FEW

*Flexo and Technical Services (Pty) Ltd.*

Services only - p/h	R 500.00 p/technician
Normal Hourly Rate - p/h	R 575.00 p/technician
Saturdays & Overtime	R 675 p/h
Sundays & Public Holidays	R 775 p/h
Travel starting from	R 275







**BENGRAPHIC**



**FLEXOPRESS**  
...design develop build print...

**MADE IN BRITAIN**





## ALPHA + 330

RUN speed 5-350(m/min)  
 Max web width 330mm  
 Max unwinding diameter 700mm  
 Max rewinding diameter 450mm  
 Min. width after slitting 20mm  
 Slitting precision 0.2mm  
 Overall diameters 1.75m (L)\*1.1m (W)\*1.2m (H)  
 Weight (about)1500kg

Max Speed 300 Cycles/min (65 meters/min)  
 Accuracy of Cutting  $\pm 0.15$ mm  
 Max Die Cutting Area 330mm x 320mm (L x W)  
 Paper Width 80mm --- 330mm  
 Max Unwinding Dia. 700mm (about 2 Meters)  
 Max Rewinding Dia.  
 700mm (about 2 Meters)  
 Magnetic Cylinder  
 120 Teeth 1/8 "CP Standard  
 Cylinder range 55T ~ 160T  
 Length of Die Cutting 50mm ~ 330mm  
 MOTOR Power 8 KW  
 Overall Diameter L x W x H  
 2900mm x 1200mm x 1500mm  
 Weight 2500KG

The DELTA series rotary die cutting machine is designed for the label converting and finishing process. It is able to work in both semi rotary (Intermittent) and fully rotary mode. The machine shows great effort in humanity design and friendly operating.

## DELTA 330



## Ultrasonic cleaner

Ultrasonic anilox cleaning machine is an ultrasonic cleaning device used to clean ceramic anilox rolls. with high quality parts and 2.5mm thick stainless steel. At the same time, it uses the most advanced ultrasonic frequency circuit - Fm-3 technology. It has integrated design and power module output. It is stable and reliable with low repair rates. It is also designed with amount lock-out, over-current shutdown protection, three micro-power soft-start and frequency automatic tracking. Analog power display. This high tech piece of equipment consists of an ultrasonic cylinder and shock sub, hot plates, temperature control system and electrical control system.




**Litho Sales & Label** (Pty) Ltd

**COOLUV**  
 total solutions for UV LED curing





# ATOM 330

This machine is improved by intermittent die cutting with the following specs:  
- Flexographic printing system (For Cold stamping/UV coating/varnishing/dot varnishing), intermittent die cutting system, slitting and rewinding system.



Max. Speed 300RPM  
Register Accuracy  $\pm 0.15\text{mm}$   
Accuracy of Cutting  $\pm 0.15\text{mm}$   
Printing Girth 55T-160T  
Max Die Cutting Area 350mm $\times$ 320mm (L $\times$ W)  
Paper Width 80mm---320mm  
Max Unwinding Dia. 700mm(about 2Meters)  
Max Rewinding Dia. 700mm(about 2Meters)  
Magnetic Cylinder 120Teeth 1/8"CP Standard  
Length of Die Cutting  
50mm~330mm(standard cylinder)  
MOTOR Power 10 KW  
UV Lamp Power 5KW  
Overall Diameter L $\times$ W $\times$ H  
3600mm $\times$ 1200mm $\times$ 1500mm  
Weight 3000KG

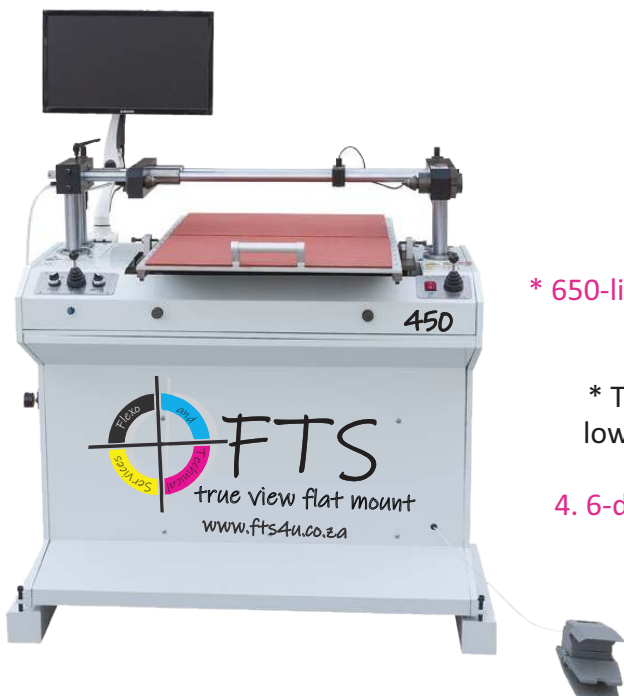
## True view mount

- \* Using up and down adjustable precision screw mechanism, Japanese seiko card advanced zoom lens, CCD camera, high-definition LCD monitor display.
- \* Precision linear guide, motor with ball screw around.
- \* Can adjust the omni-directional camera, parallelism is adjustable, paste version of high precision, tinted.
- \* Sleeve type print cylinder option also available.
- \* Quick stick version, the operation is convenient, the efficiency is greatly increased.



## True view flat mount

- \* Strong frame structure, working stability and durable;
- \* 650-line colour high-definition camera, up to 70 times magnification, clear images, high resolution, greatly improving the accuracy of placement;
- \* The worm gear motor drive control is adopted for the lifting and lowering of the micro camera mechanism, which greatly facilitates the mounting operation;
- 4. 6-direction adjustment mechanism of the platform, no dead angle for surface adjustment;
- 5. Rolling paste version, easy to operate;
- 6. 19-inch high-resolution LCD display with clear and gorgeous images, effectively alleviating the visual fatigue of operators



## Plate cleaner

\* The quick and gentle cleaning process is fully automatic and leaves the plates 100% clean and dry within a very short time.

\* Manual cleaning is easy to damage the printing plate.

From a health and safety perspective, this approach is time-consuming and often problematic. The operator's main energy should be devoted to the printing process and printing preparation.

\* All types of ink are removable, and this machine is designed for environmentally friendly cleaning.

\* The machine is made of stainless steel casing, which is more high-grade and durable.

\* After the printing operation is complete, all the printing plates are placed on the conveyor belt, and the printing plate is automatically brought into the whole cleaning process.

\* The washing and rinsing series provides an automatic two-stage cleaning process. The first stage is liquid cleaning and the second stage is rinsing with water.

\* The liquid is provided with a circulating filtration function.

\* The unique combination of a specially manufactured soft brush and a special cleaning solution ensures an efficient and gentle plate cleaning process.

\* Water will remove the ink residue and cleaning fluid.

\* After hot air drying, the plate will be 100% clean and dry, and can be reused immediately. The whole process only takes a few minutes.



## Design underergonomics

Observer series provide camera keyboard and remote keyboard for various rotary presses. Remote keyboard can be installed on camera unit, controller cabinet, or control panel of rotary press. Dual display is also provided. All these can make operation easier than before. CMOS high-speed industrial camera Observer series is using high-speed CMOS industrial camera as the core unit with Sichango's own intellectual property. It's small and stable with VLSI chip and provides clear, sharp and high-definition images.

Observer series are all with 30X optical zoom. It provides fine adjustment from 1X to 64X with advanced digital image algorithms and give clearer images and details than before.

Simple and easy function for end user Sichango refines various functions on the market and requirements from end users, providing most simple and practical functions in Observer series with new features as CMYK value detect, strobo life protect, auto scan and give the user more ROI in a one device. It is suitable for all type rotary presses such as drum press combination rotary press, gravure rotary press, etc.





Introducing our own FTS WEB GUIDE. The Newly developed all-in-one web guide controller is applied to accurately correct the narrow wide range of materials. Especially for label printing,

This all-in-one web guiding controller with compact design, helps saving space. Controller, driver and detector are integrated which help user to increase high efficiency during installation and debugging.



# FTS LED

Model	Light area(MM)	Wavelength(nm)	Light intensity(W/CM2)	Cooling Method	Electric Power
BWF260*20	260*20	395	30	Water cooling	2000W
BWF312*20	312*20	395	30	Water cooling	2400W
BWF364*20	364*20	395	30	Water cooling	2800W
BWF468*20	468*20	395	30	Water cooling	3600W
BWF520*20	520*20	395	30	Water cooling	4000W
BWF676*20	676*20	395	30	Water cooling	5200W
BWF884*20	884*20	395	30	Water cooling	6800W
BWF1092*20	1092*20	395	30	Water cooling	8400W
BWF1456*20	1456*20	395	30	Water cooling	11200W
BWF1508*20	1508*20	395	30	Water cooling	11600W

**FTS LED** UV LED curing system already used in different kind of flexo printers, including Laminated type flexo printers, Unit type flexo printers and more. **Product Features:** Light intensity can be dimmable according to the printer speed. The LED window can be adjusted according to the web width and over temperature control Single UV lamp can be controlled independently.

**FTS LED** UV LED CURING system have already successful been used in different models of flexo printers, Including Mark Andy. Omet Bobst Gallus and Taiyo flexo printer.





# FTS BRAVO

- \* 300 metre per min work speed with shetter or slitting system.
- \* High efficiency buffer system for quick stop.
- \* Offline 100% inspection solution:
  - a. The advanced vision system will record the date detected defective of preprinted labels automatically by the optical camera.
  - b. Find defects and stop for manual replace or save the data in computer data library.
- \* The professional software of defects managing and modification support, connects with slitter rewinder machine to finish or replace jobs.
- \* This system is full servo driven, unwinder servo, nip servo, rewind servo, with imported control system, it can provide reliable inspect results.
- \* It can work with other rewind machines for mother inspection machine and replace in other branch rewind machines.



*Built for infeed tension and pre-printed applications demanding superior registration.*



## SV Infeed & Re-register System

Servo Technologies, LLC.

Servo Technologies has pioneered web infeed and re-register systems for labels, packaging and commercial printing. The SV is the world's #1 Re-register System. The SV has evolved over the years by utilizing customer feedback and creating working solutions.

Servo Technologies is proud to introduce the next evolution of infeed and re-register technology. The SV creates a better user experience for the press operator, owner, production / maintenance personnel alike.

### New Features and Options:

- The SV now accomodates various web widths including 10", 16", 20.5", and 30" providing for greater flexibility.
  - The bi-directional SV system allows for use on presses running left-to-right or right-to-left.
  - Maximize your cost savings and flexibility with our SV Dual Reregister System. This option makes It possible to laminate two pre-printed webs together, either two digital pre-printed webs or a conventional print and a digital printed web in perfect register.
- Intelligent Automation:** The result is reduced human error and increased speed to production.

4

### Applications

- 1 Infeed Tension Control
- 2 Peel & Read
- 3 Second Pass Printing
- 4 Digital Print Finishing

**For any enquiries or assistance, please do not hesitate to contact us:**

**Jaqueline Osborne**  
 Business Office Manager  
 info@FTS4U.co.za  
 076 258 1176