FlexMount

GLUNZ & JENSEN

work positive

PRECISION.
ROBUSTNESS.
REPEATABILITY.

For more than 40 years Glunz & Jensen has been the world's leading and most trusted provider of equipment and solutions for the global prepress industry.

We invest heavily in simpler and more efficient technologies to help drive profitability and productivity for our flexo customers.

We are developing fully automated, integrated systems that improve process optimisation and deliver more accurate, faster results with less manpower, lower operating costs and with no risk of costly human error.

We produce complete flexographic platemaking solutions for all flexo plates in the market, while having the largest installed base of flexo processing equipment in the world.

Our family of FlexMount mounting tables combines precise mechanics with robust components in order to achieve outstanding results.

The Glunz & Jensen FlexMount enables highly productive and extremely precise mounting of any flexographic plate, allowing you to optimize your production to the highest accuracy, repeatablility and productivity.

FlexMount 500

The FlexMount 500 is a manually operated plate mounter designed for narrow web and label printing applications. This very handy and ergonomic model is particularly well suited for mounting 1 plate per sleeve. Due to its convenient table-top design, it will easily fit in the production area at any label printer.

The FlexMount 500 is equipped with a fixed cantilever shaft; exact shaft dimensions will be prepared based on your specific cylinder dimensions, up to a maximum size of 500mm (19.68") in width and 610mm (24") in repeat. The two-camera system enlarges micro-dots and registration marks by 40 times magnification and displays them directly on a LCD monitor. This ensures high precision during mounting.

FlexMount 850/1280

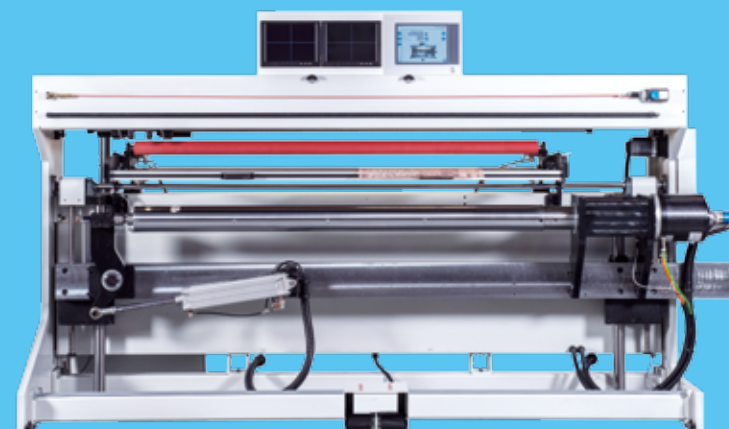The FlexMount 850/1280 is a floor standing manually operated plate mounter designed for mid-web applications.

It is equipped with a fixed cantilever shaft; exact shaft dimensions will be prepared based on your specific cylinder dimensions, up to a maximum size of 850mm/33.4" (850 model) and 1280mm/50.4" (1280 model) in width and 760mm (29.9") in repeat.

Pneumatically controlled tables help facilitate the ease of plate mounting. The two-camera system enlarges microdots and registration marks by 40 times magnification and displays them directly on a LCD monitor. A digital LED display provides precise mounting locations.
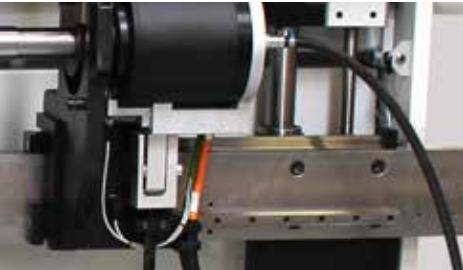

FlexMount 1320/1700

The FlexMount 1320/1700 is the premium product in our FlexMount series. Semi-automaticlly controlled, it comes with a fixed mounting cylinder, along with a two-camera system magnifying the registration marks by 40 times. A fiber optic light beam assists the operator in positioning the plate, this saves valuable time in plate mounting. The fixed mounting cylinder is driven by a torque motor providing extremely high accuracy during rotation. The PLC control features a graphic user interface, where up to 2000 jobs can be registered. Data can be retrieved and uploaded as spread sheets. A unique Fast Mounting Strip assists the operator in smoothly navigating though the entire plate mounting process. An optional rubber roller system ensures quick and safe plate fixing, without air bubles.

FlexMount 1320/1700

The maintenance free torque motor for positioning plates has an abolute position of ± 0,011mm on a repeat of 580mm. The motor contains no gears, minimising overall wear.

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FlexMount 500/850/1280

LCD monitor with 40 times magnification. A digital readout displays exact position for the operator.
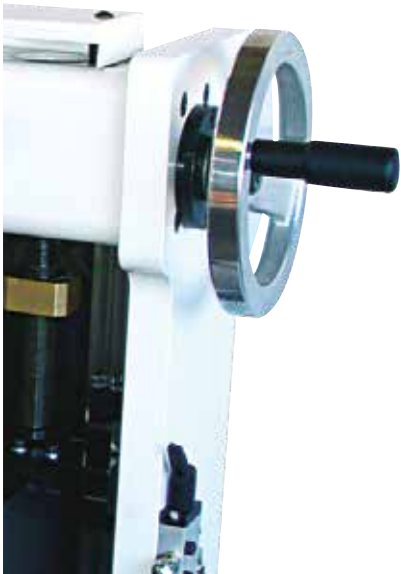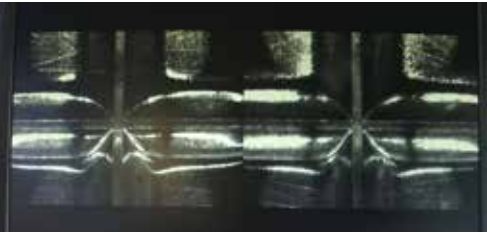
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▲ Up to 2000 jobs can easily be registered in the operator panel of the FlexMount. Data can be retrieved and uploaded as spread sheets.

▼ The two cameras in the FlexMount are computer-controlled and motor-driven, which ensures fast and accurate positioning.
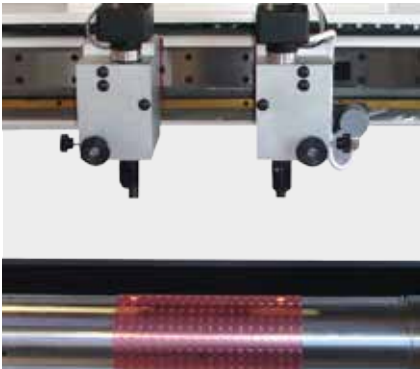

▲ The shaft height in the FlexMount is manually adjustable.

▼ Fiber optic, LED light spots project onto the plate surface for quick pre-positioning.

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The ergonomically sound Fast Mounting Strip can be reached from anywhere, regardless of the operator's position. The Fast Mounting Strip supports the operator by intuitively going through the mounting process step-by-step.

	FlexMount				
MODEL	500	850	1280	1320	1700
PERFORMANCE					
Plate types	All flexographic photopolymer plates				
Max. printing width/cylinder length	500 mm (19.68")	850mm (34.4")	1280mm (50.4")	1320 mm (51.9")	1700 mm (66.9")
Max. repeat length	610 mm (24")	760mm (29.9")		1016mm (11.0-39.9")	
Precision (movable positions)	±0,01 mm (0.0004")	+/-0,01mm (0.0004")		±0,01 mm (0.0004")	
CONNECTION					
Power consumption	0,07kW	0,2kW		2.5kW	
Power supply	1W+N+PE, 230VAC, 50/60Hz 2W+PE, 110VAC, 50/60Hz			3W+N+PE 50/60Hz	
Grounding	<0,1(Ohm) ground bar to equipment frame and to electrical supply ground				
Temperature range	15°C/59°F - 30°C/86°F				
Relative humidity	40%-60%, non-condensing				
GENERAL					
Dimensions (LxWxH)	920 x 480 x 940mm 36.2 x 18.9 x 37.0")	1500x1411x1508mm (59.1"x55.5"x59.3")		2930 x 910 x 1690mm (115.3 x 35.8 x 66.5")	
Weight excl. Crate	150kg (374lb)	1000kg (2205lb)		1500kg (3042lbs)	
Standard	Technical documentation. Two manually driven cameras with digital readout. Cantilevered shaft. LCD monitor, 40 times enlargement. Dividing head, 12 manual steps. Fiber optic, LED light spots projected on sleeve surface for quick pre-positioning. Shaft height manually adjustable.			Fast Mounting Button. Full technical documentation. Semi-automatic sleeve change, air management system for sleeve change. Interchangeable mounting cylinder in steel. Fiber optic, LED light spots projected on sleeve surface for quick pre-positioning.	
Accessories	Table plate system, 2 table plates.			Rubber roller system: 1 rubber roller full size (1320/1700mm) for removal of air bubbles. Mounting cylinder with air valve. Special repeat length, max. 1200mm (cylinder drawing required). Easy Reg for W&H (requires fixed shaft). Proofing option on request.	

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