

//polytype decorating – a constant pacesetter



Product overview for
plastic cup printing presses

//polytype

Competence and experience combined with Swiss quality



//polytype is the world leader in the manufacture of systems for direct printing of plastic cups and lids.

//polytype machines combine innovative technology with the highest levels of reliability complimented by the most user-friendly operation. Its international customers appreciate the modularity of the design and the expansion opportunities of the machines.

//polytype is part of the Swiss wifag//polytype Group, which operates globally and has branches in Switzerland, Germany, Italy, the USA, Thailand, Brazil, China and India. This alliance gives //polytype access to a broad technology base and guarantees a global and professional partnership for your success.

- // Innovative, contemporary concepts enhance quality
- // Excellent customer benefits are the result of our commitment to staff development and our over 50 years of experience
- // Comprehensive range of services increase production
- // Optimized production efficiencies -OR- Minimized production costs



Although we offer a full range of high-quality standard products, nothing is off the table. Your specific requirements are important to us. They provide us with the challenge and impetus we need to ensure the ongoing improvement to our systems and allow us to design optimized solutions custom tailored to your exact needs.

During our over 50 years' experience in dry offset we have printed on all kinds of containers and you can be sure to experience the highest level of professional service. We are happy to share our know-how in dry offset, flexography and digital printing. You will have access to our specialists knowledge in all types of coatings and material.

Look no further for an expert partner for complex applications involving the printing and handling of cups and lids in all shapes and sizes.

We pride ourselves on offering exceptionally reliable presses that combine easy operation with optimized maintenance intervals. What's more, our global presence means we're never far away.

BDM 301



DDM 160



DigiLid



DigiRound



				Round cups
				Oval containers
■				Square containers
■				Lids
	■	■		800 mm
			■	600 mm
■				414/502 mm
				345/502 mm
			■	273/418 mm
	■			150 x 185 mm
				150-300 mm
	■			50-190 mm
				60-185 mm
			■	50-130 mm
				60-160 mm
		■		65 x 85 mm -
■				135 x 180 mm
■				Offset decoration
■	■			Polyflex decoration
		■	■	Digital decoration
				650/min
				600/min
	■			500/min
				450/min
				400/min
			■	300/min
■				200/min
		■		120/min
■		■	■	Quick change
		■	■	Positioning
		■	■	Pre-Print
				Spot Labeling

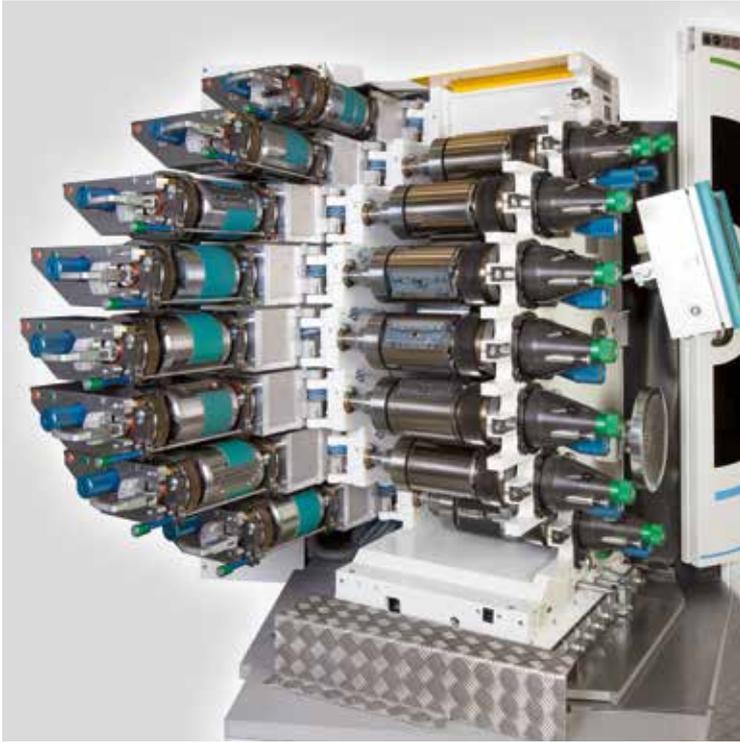
Max. printing length

Min/max. Rim Ø

Max. speed

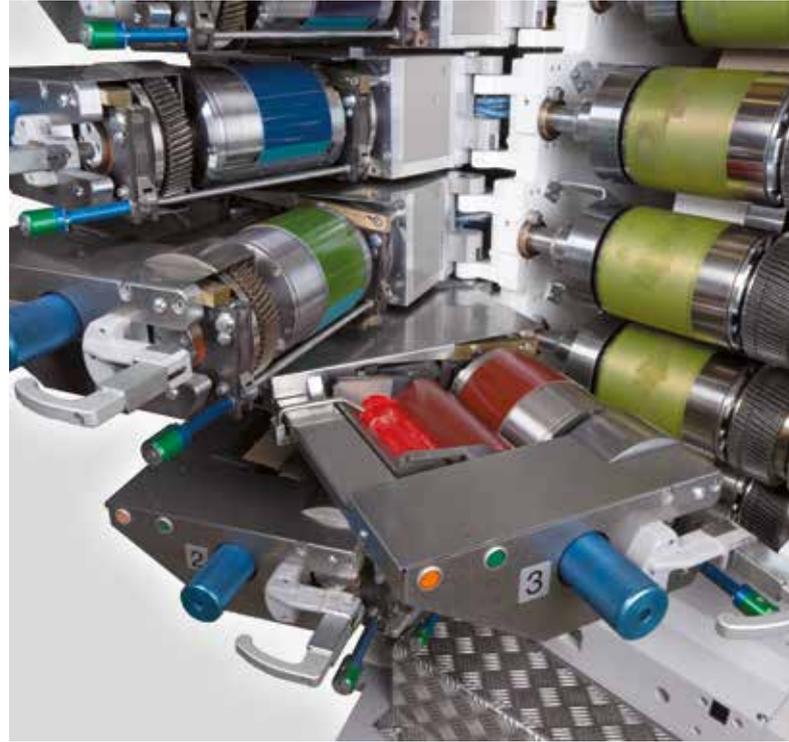
Polyflex – the ideal printing unit for challenging requirements

- // Superior print quality thanks to stable ink transfer
- // Supports hexachromatic print images and Pantone colors
- // Far shorter changeover times
- // Easy, preset ink feed and reproducible settings
- // Full 360° preprint possible
- // Cup coating option



The optional Polyflex printing unit with an output of up to 600 cups/minute benefits from an impressively sturdy design and a compact height. The 8-color unit is fully configured with short inking units and 165 mm or 200 mm printing plate cylinders.

The cylinders' setting gages can be used for register-accurate plate adjustment, including during production. The integrated function to switch off printing ensures an immediate interruption of the ink flow if there is no cup on the mandrel. The absence of ink splitting means ink mist is negligible.



The horizontal inking units can be retracted individually for extremely easy access. All units benefit from an identical design. The inking units are comprised of an open chambered blade ink fountain and a temperature-controlled anilox and transfer roller. A quick-change system for the anilox roller minimizes changeover times.

The pre-specified quantity of ink, defined by prepress and the anilox roller, produces a stable, high-quality film of ink. The reduced and reproducible setting options ensure consistently high print quality, even at different speeds.

Service worth its weight in gold!

- // Preventative measures to extend the service life of your machine
- // Optimizing your machine for higher productivity
- // Higher availability through better trained staff
- // Process optimization to reduce waste



Our comprehensive service portfolio ensures you get the best out of your machine at all times. By offering regular maintenance, a hotline service, remote maintenance and operator and process optimization training, we help you cut costs and improve productivity. We can also offer all the consumables you need to ensure a high-quality print result. Our own well-stocked spare parts store ensures quick part replacement if anything should go wrong at any time. Just ask for our service brochure.

Our comprehensive service program offers:

- // Installation and startups
- // Hotline and remote service
- // Spare parts and supplies
- // Maintenance and repair
- // Updates and upgrades
- // Rebuild and refurbishment
- // Application support
- // Operator and maintenance training
- // Equipment relocation

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