manroland | GOSS

InlineDensity Control
smart NEU

Professional color control tailor-made for your needs

Upgrade your existing system with the professional InlineDensity Control smart (IDCsmart) color control system to exactly the scope you need.

The choice is yours: Stand-alone as a basic package or modularly scalable by adding optional service packages.

Available for manroland, Goss and other presses.

Order now and ensure the fastest return on investment!

Are you already making full use of the performance of your printing press?

Enhance the productivity of your existing printing press.

Order from the market leader for web offset: Our decades of experience in printing press construction give you the certainty of optimally maximizing the performance of your printing press.

Cut your running costs.

Rapid color control based on repeatable density measurement ensures maximum waste savings in the start-up print and production runs.

Operate without disruptions.

Stable and reliable control technology for your retrofit system means lasting process stability for every single printing job.

Reduce your investment costs.

Simple integration into your existing press thanks to standardized installation concepts – without affecting the web paths.

Easy and intuitive to operate.

Stand-alone system control with intuitive user interface and user-friendly operation.

Customize the scope of functions individually.

Expandable, modular function and service packages ensure further optimization of printing press productivity.

Enhance your basic color control system with our optionally available service & performance packages:

- Upgrade to InlineDensity Control smart plus (IDCsmart plus) with integrated color register control, optionally available with fanout and diagonal register control.
- Mechanical and electrical installation by a manroland Goss technician
- Software extensions for presetting, quality evaluation, remote maintenance and much more
- Extended training and education offers
- Consulting and process optimization after commissioning
- Individual adaptation of inline measurement to manual measuring devices on site

Technical specifications InlineDensity Control smart (IDCsmart)

Areas of application	Web offset heatset illustration, coldset newspaper
Measuring and control functions	Color, color register, fanout, diagonal register, color-water control (newspaper)
Sensor	CMOS 16 bit color chip
Lighting	High power LED
Max. Track speed	21 m/s
Lateral web offset	±15 mm
Depth of field	±7 mm
Minimum measuring field height	0,6 mm
Measuring background	Free running paper web
Contamination protection	Compressed air, replaceable glass cover
Colors	Process colors CMYK, spot colors
White cover	Relatively paper white
Measurement quality/ repeat accuracy	Color density: +/-0.02D, color register: 0.1 mm, fanout: 0.1 mm
Measuring cycle duration Color	120 rollovers/10 seconds depending on track width/speed
Ambient temperature sensor	0 – 60°C
Control platform	Industrial server, Linux
Operating station	21.5" industrial touchscreen, aluminum housing, glass display, heavy-duty swivel base, integrated quad-core industrial PC, Linux
Sensor dimensions (LxWxH)	160 x 83 x 110 mm
Dimension traverse (WxH)	40 x 40 mm
Other options	Color presetting with CIP3/CIP4 connection
	PressQuality quality analysis and reporting platform
	Remote access via high-security platform
	Automatic waste switch control
	Additional operating stations in the required number

Technical specifications are subject to change without notice.

Are you interested?

Your manroland Goss service manager will be pleased to advise you on the selection of your individual InlineDensity Control smart package or send your request to **salesandservice@manrolandgoss.com**