GRAVURE PRINTING PRESS

EXCELLENCE BY INNOVATION
RG Excel is the new ACOM Rotogravure Press for medium and short runs.

Born at the side of the RG Platinum, the RG Excel shares with it the material quality, the careful manufacture and the attention to ergonomics. If on the one hand the material quality grants the value of a long-term investment, the careful ergonomic choices and reliability, on the other hand, are the bases for a high productivity. With RG Excel, ACOM offers customized machines that, thanks to tailored solutions, allow customers to meet the many diversified market requirements.

By request, it is possible to put in line RG Platinum and RG Excel printing units.

**Excellence as the inspiring principle of the ACOM philosophy**

The high technology developed by ACOM for flexible packaging converting has allowed us to design RG Excel as an excellent rotogravure printing press for medium and short runs. According to the ACOM tradition, the machine can be customized in order to achieve specific production requirements.

**ECO-LINER**

Easy and flexible handling of printing processes

ECO-LINER is a patented system developed by ACOM to speed up the job changeover and to reduce the solvent quantity used for washing.

It is composed by a special pan that can be installed on standard ACOM trolleys, by a protective film (mono- or multiliner, according to the run lengths) lining the pan and by a dedicated inking system. This innovative solution, together with the ink pump and the printing cylinder washing system, facilitates and speeds up the job changeover avoiding as well the risk of contamination of different ink types.

The absence of too many electronic components makes the job changeover sequence scheduling much more efficient and results in an impressive reduction in maintenance as well. Eco-Liner grants an economic handling of the off-line operations for job changeover.

In order to optimize this system, ACOM can study tailored solutions (Sequential Dynamic Approach) for the full automatic or semi-automatic handling of printing cylinders.

**PRODUCTIVITY INCREASE AND ECO-SUSTAINABILITY**

RG Excel has available a large choice of drying chambers, different in materials and size.

The opening system of the chambers’ doors, which develop in the direction of the machine axle, guarantees a great accessibility to rollers and nozzles.

RG Excel offers different chamber configurations with lengths from 1.8 to 7.5 m and driers of stainless steel or treated steel.

The reduced distance of the nozzles from the web and the high section ducts assure the maximum efficiency in the drying process. The drying system is provided with ventilation modules, reducing the necessary space; the heating sources: by gas burners and diathermic oil, steam or electrical batteries. The air by recirculation in the system and LEL control are also integrated in to the different modules.

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CUSTOMIZATION FOR A HIGH PRODUCTION EFFICIENCY

Each rotogravure printing press RG Excel is designed according to the real and unique requirements of every single customer, including the plant lay-out.

POSSIBLE CONFIGURATIONS OF THE SINGLE PRINTING UNITS:

- FIXED INKING SYSTEM, with inking roller and trolley for printing cylinder handling
- EASY HANDLING TROLLEY, designed to simplify and to speed up both trolley insertion and extraction
- SPECIAL VERSIONS developed thanks to the support of our sales and technical offices
- INTEGRATED SYSTEM FOR AUTOMATIC WASHING; this system can be applied to every machine configuration

The configuration flexibility belonging to RG Excel rotogravure printing presses provides a high and incomparable production efficiency, in particular, if it is joined to a careful selection of accessories, to the customization of the ancillary equipments and systems and to an easy and fast job change over procedure.

POSSIBLE CONFIGURATIONS OF THE SINGLE PRINTING UNITS:

- DOCTOR BLADE with pre-set storage system
- ACOM offers also the opportunity, even with already installed machines, to retrofit the machine with accessories, special technologies and complements for in-line production processes.
- Excel units can be part of combined lines together with other Comexi Group machines.

- INTEGRATED SYSTEM FOR AUTOMATIC WASHING; this system can be applied to every machine configuration

CONFIGURATIONS

An impressive customization of machine configuration

AFTER-SALE ASSISTANCE

The ACOM presses can rely on the support of an efficient, punctual technical staff to assist the customer during all the phases of the machine life (installation, post-installation, service and retrofit).

The ACOM staff is able to provide spare parts and/or maintenance interventions, supporting the customer promptly and worldwide.
DRASIC WASTE REDUCTION

Customization and control of the whole printing process (both in the start-up phases and during the production) represent a necessary target to achieve and the best way to drastically reduce waste and consumption materials. RG EXCEL is the best solution for achieving this objective and for meeting the requirements of an even more exact flexible packaging market.

PRINTING ADVANTAGES

This range of variants, both mechanical and electronic, guarantees the very fast register control and the critical film printing process, always within ideal tolerances.

NEW INTERFACE SOFTWARE

The new interface software, studied for an extremely fast set up of the machine parameters which allows, also for inexperienced operators, an impressive reduction of start-up waste.

Re_Boost & Reg_T Plus

New SW developed by ACOM to improve register performances during transitories.

UMC (Universal Machine Control)

SW to control the un/rewinder function and generate the machine speed reference, commercial HW based. Ideal for retrofit on existing machines.

THE ADVANTAGES OF CHOOSING RG EXCEL

The technology, the selected materials and the “tailored” careful design optimize the relation performances/costs offering evident advantages.

Solvent retention REDUCTION

REDUCED manpower for the complementary phases of the printing process (handling and make-ready of the inking groups for printing and washing). Significant machine ancillary equipment and system SIMPLIFICATION.

Considerable maintenance REDUCTION

Impressive cost REDUCTION for waste disposal. Energy cost SAVINGS. MINIMUM ENVIRONMENTAL IMPACT, according to the new directives that fix conditions and limits for polluting.

TECHNICAL SPECIFICATIONS

**RG EXCEL**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web width</td>
<td>from 650 to 1350 mm</td>
</tr>
<tr>
<td>Printing repeat</td>
<td>from 420 to 920 mm</td>
</tr>
<tr>
<td>Working speed</td>
<td>up to 350 m/min</td>
</tr>
</tbody>
</table>

By request, our machines can reach higher speed than the above mentioned in the RG Excel Hp version. The technical characteristics are subject to change depending on configuration chosen.

Details make the difference
FLEXO PRINTING  FL, FW, FPLUS, F4 FLEXOEfficiency®

LAMINATING  OPTIMA, POWER, DUAL, EVO, ONE

SLITTING  EIKON, E-TURRET, DUO2, COMPACK2, BLADE, GUIDE

ENVIRONMENT & LOGISTICS  SELFCLEANING, AUTOMATIC SLEEVE STORAGE, ECODISTIL, AUTOMATIC ROLL UNLOADER, WASHING UNIT

GRAVURE PRINTING  RG Excel, RG Platinum

To learn more, visit www.comexigroup.com

The information contained herein is subject to change without notice.