

FLATBED CUTTING TABLES

COMAGRAV FLATBED CUTTING TABLES

Large format cutting and milling cutters COMAGRAV are maximally variable, reliable and precise multifunctional machines, ideal for advertising and industry.

COMAGRAV flatbed cutting tables historically followed-up on the production of COMAGRAV CNC routers. They took over their industrial design, which guarantee high durability and longevity. By increase of the flexibility and variability, machines with almost unlimited possibilities of cutting were created. Their biggest advantages are customized sizes and advanced unwinding options. The precision and high speed of cutting are the matter of course.

**WITH
THE POSSIBILITY
OF CUTTING
ANYTHING**



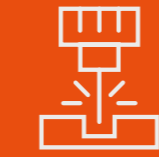
**GUARANTEE OF THE
TOP QUALITY**



**ADVANCED
UNWINDING
TECHNOLOGIES**



**ADVANCED RICH
EQUIPMENT**



**CUTTING, MILLING
AND ENGRAVING**



**MULTIFUNCTIONALITY,
VARIABILITY AND
FLEXIBILITY**



**INDIVIDUAL
CUSTOMIZED
SOLUTIONS**



**UNLIMITED SIZES
AND CUTTING
POSSIBILITIES**



**EASY AND SAFE
OPERATION**

THE FLATBED CUTTERS COMAGRAV ARE SUCCESSFULLY USED IN A WIDE RANGE OF INDUSTRIES AND PROCESS ALMOST UNLIMITED AMOUNT OF MATERIALS.

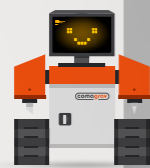
- ✓ **ADVERTISING, POS AND POP**
- ✓ **SIGN MAKING**
- ✓ **CONSTRUCTION AND BUILDING INDUSTRY**
- ✓ **CUTTING OF PLASTICS AND FOAMS**
- ✓ **CLOTHING AND TEXTILE INDUSTRY**
- ✓ **EXHIBITIONS AND DESIGN**
- ✓ **PACKAGING INDUSTRY**
- ✓ **AUTOMOTIVE INDUSTRY**
- ✓ **PROCESSING OF COMPOSITES**

COMAGRAV DIGI CORSA

COMAGRAV DIGI CORSA is an extremely powerful and variable system for professional cutting and milling. Due to its unique power and durability it is perfect for non-stop operations as well as for massive productions in advertising or industry. DIGI CORSA offers almost unlimited possibilities of cutting.

- ▶ cooperation with RIP software
- ▶ six vacuum zones controlled by software
- ▶ servo motors, planetary gearboxes
- ▶ multifunctional head
- ▶ professional milling spindle
- ▶ automatic tool change
- ▶ tool magazine check by camera
- ▶ automatic tool measuring
- ▶ integrated cyclone dust collector
- ▶ integrated spray cooling system
- ▶ advanced software and camera system
- ▶ unwinding technologies
- ▶ table extension

- rigid steel construction
- spindle with power up to 3,6 kW
- spindle with speed up to 50.000 RPM
- feed rate over 1 m/s



**DYNAMIC,
MULTIFUNCTIONAL
AND AUTOMATED
CUTTING SYSTEM**



PLEXIGLASS



FOAM



POS/POP

COMAGRAV DIGI

COMAGRAV DIGI combines an industrial design with above-standard cutting speed. It is very well adaptable to the needs of production in advertising as well as in industry. COMAGRAV DIGI is also very easy to operate.

- ▶ cutting directly from RIP software
- ▶ six vacuum zones controlled by software
- ▶ servo motors, planetary gearboxes
- ▶ multifunctional head
- ▶ professional milling spindle
- ▶ automatic tool measuring
- ▶ advanced software and camera system
- ▶ unwinding technologies
- ▶ table extension

CUSTOMIZED
SIZES,
EASY
OPERATION



- welded steel construction
- spindle with power up to 2 kW
- spindle with speed up to 60.000 RPM
- feed rate over 1 m/s



COMAGRAV DIGI RCX

The ideal economic solution for advertising applications. Extremely strong and rigid multifunctional cutting system.



MODULES

Tangential and oscillating cutting, grooving, milling, engraving and prototyping with the only one machine and MULTI head COMAGRAV.

- ▶ electric oscillating knife
- ▶ pneumatic oscillating knife
- ▶ motorised cutting disc
- ▶ universal cutting modules
- ▶ module for direct cutting
- ▶ pen module with pneumatic parking
- ▶ high speed professional spindles

SOFTWARE

Easy and intuitive operation thanks to highly advanced software from the COMAGRAV development team.

- ▶ COMAGRAV control software PILOT TDP
- ▶ library of materials and presets
- ▶ reading QR codes by camera system
- ▶ compatibility with RIP software
- ▶ software for milling, engraving and cutting
- ▶ software for packaging



TOOLS

Knives, universal tools and milling tools COMAGRAV of the highest quality.

- ▶ oscillating knives
- ▶ fixed knives
- ▶ Kiss-cut and V-cut tools
- ▶ creasing and cutting wheels
- ▶ milling and engraving tools

- up to 4 modules at once
- 8 types of modules
- over 40 types of cutting tools
- over 100 types of milling tools

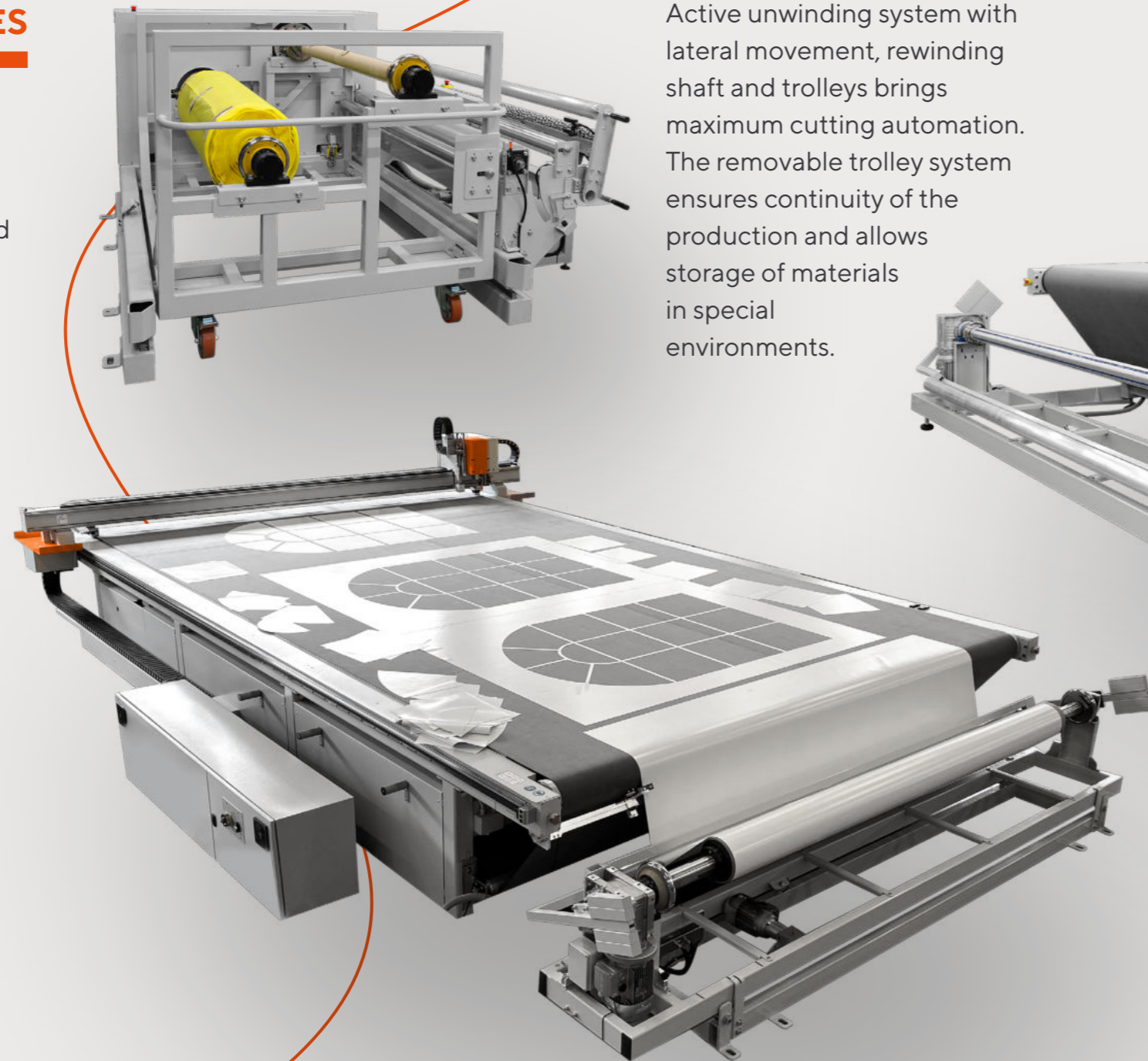
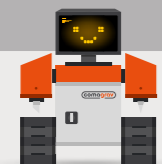


UNWINDING TECHNOLOGIES

COMAGRAV flatbed cutters offer a really wide range of options from the basic and passive material unwinding up to the technologically advanced and customized solutions of active unwinding systems.

- ▶ endless unwinding pad
- ▶ pneumatic bars
- ▶ passive and active unwinding technologies
- ▶ unwinding with lateral movement
- ▶ roll to roll unwinding
- ▶ quick locks of the roll
- ▶ pneumatic cylinders
- ▶ removable trolleys

- motorised unwinding
- sensors for precise winding
- rolls weight up to 1000 kg
- rolls length up to 100 m



Active unwinding system with lateral movement, rewinding shaft and trolleys brings maximum cutting automation. The removable trolley system ensures continuity of the production and allows storage of materials in special environments.

The active unwinder is ideal for long jobs cutting and cutting of heavy rolls.



WIDE RANGE OF WORKTABLE EXTENSIONS AND UNWINDING, AUTOMATION AND SAFETY

SOFTWARE SUPPORT

Thanks to the advanced features of the control software, unwinding technologies and worktable extensions it is possible to realize extra-long cutting operations in non-stop productions.

- ▶ library of materials and presets
- ▶ reading QR codes by camera system
- ▶ panelization and files queue



WORKTABLE EXTENSION

The worktable extension can be installed for COMAGRAV DIGI RC. The extension in front of the central worktable allows safe removal of processed material and the extension on the loading side ensures the non-stop production process.

The worktable can be extended from 1,5 m according to customer requirements.



APPLICATIONS

COMAGRAV flatbed cutting tables are perfect for precise cutting and milling of thinner, soft and large format materials, such as vinyl, foils, sailcloth, textiles, corrugated cardboard, plastics, rubber, aluminium and many more.

AN IDEAL SOLUTION FOR ADVERTISING, PACKAGING AND INDUSTRY

ALUMINIUM



DIBOND



VISIT US
IN THE CZECH
REPUBLIC!



TEST YOUR
MATERIAL
DIRECTLY IN OUR
SHOWROOM



LIGHTWEIGHT BOARDS



RUBBER



PACKAGING



**WE DON'T STOP
IMPROVING CUTTING
TECHNOLOGIES.**



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