



Taropak – Gold Medal

1. The GMUND BIO CYCLE collection of eco-friendly papers

Büttenpapierfabrik Gmund GmbH & Co. KG / ZING SA

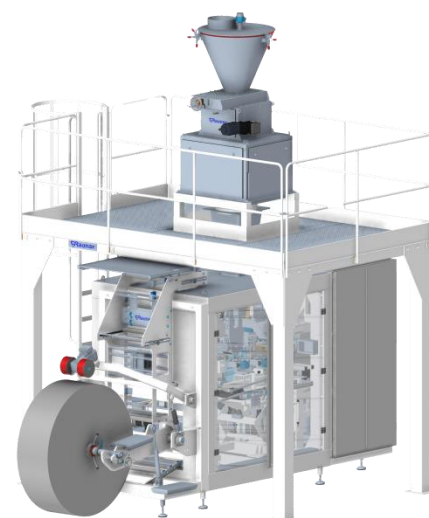
Gmund Bio Cycle – the perfect reflection of the ecological cycle. Paper is made of plant fibres and is compostable, providing nutrients for the growth of new plants. 50% of this paper consists of resource-saving fibres such as wheat straw, grass, cotton and cannabis. The Gmund Bio Cycle is a declaration of environmental performance and provides companies that use it with ecologically visible added value in terms of design, feel and reliability.



2. Bag packing machine RM - 55 HAI

RADPAK Fabryka Maszyn Pakujących Sp. z o.o.

A novelty in the RM-55 HAI machine is a pre-prepared bag made of a foil sleeve, and the mechanism for cutting off the appropriate length of the sleeve prepares the bag for sealing the bottom. A new impulse sealing system has been used in the machine, which ensures high efficiency and repeatable quality of the welded joint. The sealing system is based on a pulse sealing process with sensorless temperature control for optimal sealing results. To further increase the efficiency of the machine, a fluid temperature regulator has been used, which cools the seal while forming the bag. Due to the high weight of the roll (200 kg), a hydraulic system has been used for the automatic unwinder of the foil sleeve.



3. Cardboard picnic backpack 'NATURALLY'

TFP Sp. z o.o.

Eco-friendly backpack – a cardboard answer to the contemporary need to protect the environment. Completely friendly to nature. Equipped with a basic set of accessories necessary for a small feast in the open air. The interior is divided into compartments enabling safe transport of any food. Durable, reusable. Made of cardboard printed with water-based inks, in digital technology. A perfect companion for trips, picnics and city trips.



4. TruePaper – eco-friendly ultrasonic and heat sealable paper band

ATS-TANNER Polska Sp. z o.o.

TruePaper is an environmentally friendly ultrasonic and heat sealable paper band. TruePaper is optionally made of at least 95% pure paper or more than 50% recycled fibres, can be recycled in the normal cycle and is suitable for direct food contact. TruePaper contains a water-based binder that can be bonded using ultrasonic and heat seal technology. TruePaper complies with Directive 2019/904/EU, the circular economy laws of France and Spain, and is FSC certified.



5. Robotic palletising systems

ŁUKASIEWICZ Research Network PIAP Industrial Research Institute PIAP

Each robotic palletising system is different and requires a specific approach. Our projects combine our experience and an innovative approach to designing and implementing a unique, individual solution dedicated to the requirements and guidelines of the Ordering Party and the changing needs on the market. An above-standard task that requires an individual approach, the involvement of specialists in many fields, conducting tests and research is an area in which Łukasiewicz – PIAP particularly strongly supports manufacturers by implementing solutions whose development and implementation require knowledge, experience and courage in moving technological barriers far beyond the current horizon of available robotisation. Cooperation – with scientists in international projects, with enterprises in a wide range of industrial implementations – guarantees both access to modern knowledge and experience of the best engineering practice of innovative solutions used in production. By creating dedicated solutions that improve production in terms of productivity and quality, we drive innovation in your companies.

